

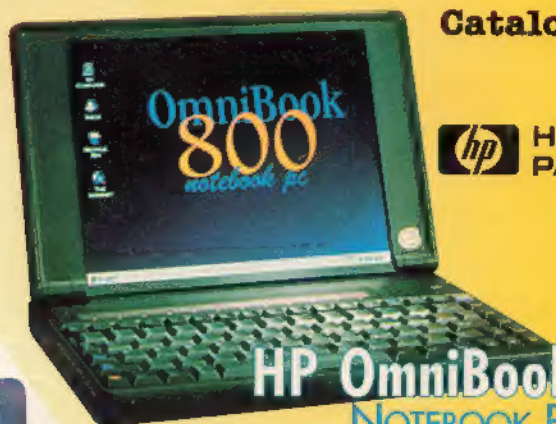
1996®


**Calculators, Palmtops and Laptops**

\$2

# EduCALC

**Catalog #73**



 **HEWLETT  
PACKARD**

**HP OmniBook 800**  
NOTEBOOK PC

Newest, Lightest  
with **Pentium POW**  
Easiest to Carry  
see page 22



**HP OmniGo 120**

ORGANIZER PLUS

New Holographic Display

—and Quicken  
is built in!  
see page 18

HP OmniGos

**\$239**

as low as

**NEW**

**HP Deskjet  
Printers**  
see page 26

**Windows Connectivity  
for OmniGo**  
see page 18

**Toll Free  
Order Line  
800 677-7001**

**Palmtops**

HP 200LX, Psion, Mini Note  
Motorola Envoy

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**Business Calculators**

p. 30

HP 10B/12C/17BII/19BII

**Organizers & PDAs**

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HP OmniGo 100/120, Zaurus, Pilot

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HP 20S/22S/32SII/38G,  
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HP OmniBook 800/5500

**HP 48G/GX**

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**Printers**

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**EdnCALC**

27983 Cabot Road  
Laguna Niguel, CA 92677 U.S.A.

Holidays, '96

Dear Reader,

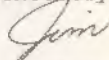
I'd like a favor from you . . .

We're trying out this new all-color catalog. We've never before used color throughout, and it's a new size and shape, too—completely redesigned.

We think you'll like it better—find it easier to use and more valuable. So here's the favor I ask of you.

Please let me know what you think of this new catalog—just a word, yes/no, or perhaps your reaction and reasons, or even a full critique. Let me hear from you, please.

Sincerely,



Jim Carter,  
Manager

P.S. You may want a copy of our new HP Supplies Catalog—everything for your LaserJet, DeskJet & other inkjet printers, impact printers, plotters and data storage devices. Just ask.

# Why buy from EduCALC? 3

**Discount prices**—you'll find them here everyday, and not just for a few items on sale—plus the latest rebates

**All the accessories and extras**—useful software, helpful books, essential peripherals, extra manuals—everything

1. **It's easy to order**—just phone, fax or mail to us, 24 hours—no driving, no parking, no walking
2. **You'll have it quickly**—we usually ship the same day we hear from you, for next-day delivery if you want
3. **You're sure to be satisfied**—we guarantee it, with our 30-day, no-questions warranty

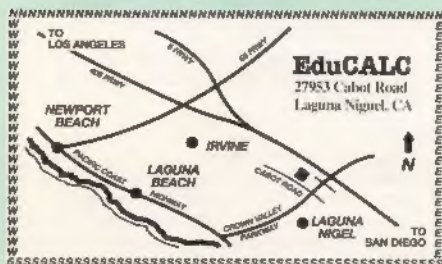
*Prices Effective  
October 20, 1995*

## VISIT OUR STORE

We're located right here in Orange County, California, near the intersection of I-5 and Crown Valley Parkway (across the freeway from the Mission Viejo Mall)

### HOURS:

8 am - 5 pm, Monday - Friday



## Call us now—



Brent



Beckie



Jim



Beth

## here's who you'll talk to . . .



Karie



Dan



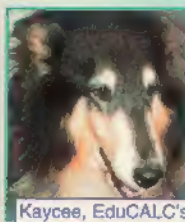
Jen



Richard



Jim



Kaycee, EduCALC's  
official greeter



## HP 200LX Palmtop PC



■ cc:Mail Mobile and data communications

■ runs your PC programs with DOS 5.0

■ 1 or 2 MB RAM  
PC Card slot

■ Lotus 1-2-3 re. 2.4

■ 3 MB ROM

■ complete organizer software

■ the best PDA, says *InfoWorld*

**Now with Pocket Quicken**

### HP 200LX—the specs

#### Software built into ROM

- Pocket Quicken • cc:Mail Mobile
- Data Communications
- Lotus 1-2-3 Release 2.4
- MS-DOS 5.0 • LapLink
- Appointment Book • Phone Book
- HP financial calculator
- Memo editor with outliner
- Notetaker • Database • Filer
- World time and Stopwatch
- Application manager
- System macros • Setup utility

**\$100 REBATE**

on HP 200LX 2MB

just buy it between  
Nov. 1 and Dec. 31  
Coupon in box

#### Physical Specifications

- 16 x 8.64 x 2.54 cm (6.3 x 3.4 x 1 in)
- 312 g (11 oz) with batteries

#### Industry-standard PC Architecture and Central Processing Unit (CPU)

- IBM PC architecture
- Intel 80C186 CPU running at 7.91 MHz

#### Display

- CGA-compatible FTN liquid crystal
- 80 columns by 25 rows; 640 x 200 pixels
- Zoom feature



**HEWLETT  
PACKARD**

#### Input/Output

- Built-in 9-wire serial interface for connection to RS-232 devices
- Built-in infrared transmitter/receiver up to 115K bps for HP 200LX to HP 200LX and other wireless communication
- Built-in printer drivers supporting these serial printer types: HP LaserJet, Epson FX-80, IBM ProPrinter
- PCMCIA version 2.0, Type II plug-in card slot for running PC software and expanding I/O memory; optional HP 5 MB, 10 MB and 20 MB flash disk cards available
- Optional HP F1021B Connectivity Pack for file transfer between an HP 200LX and a DOS-compatible PC

#### Power

- Two 1.5-V AA main batteries
- One 3-V CR2032 coin cell backup battery
- Optional 1.5-V AA rechargeable batteries
- Optional adapter: HP F1011A available in worldwide configurations for powering unit and recharging NiCd batteries

Manage your world with the world's most powerful palmtop PC! Carry your critical business and personal information as easily as you carry your wallet. The software you already know comes built-in with the only pocket PC that's fully DOS compatible.

Use PC power to organize your personal and business expenses on the go. Check your calendar, or let the appointment book keep you on schedule. Graph your latest sales figures or edit a quick memo. Open built-in DOS applications with a single keystroke, or add your favorite DOS programs from your desktop PC.

Advanced communication features keep you in touch everywhere. Plug in your HP StarLink card to pick up notification of phone and fax messages from home or the office.

You'll stay in charge with the most complete personal information management software on the market.

You simply touch one of 8 special keys to access this software—then switch to another program with one key-touch. *These 8 special keys will make the HP 200LX your favorite computer at any size! at any price!*

*Stay in control of personal and business finances anywhere with Pocket Quicken. Enter transactions from checking, savings, credit card, and cash accounts using convenient on-screen forms. Keep on top of current balances and reconcile accounts with your bank statements. You can even organize expenses by category and create summaries for business reimbursements or tax records.*



It's a portable electronic mailbox. You'll keep in touch with a built-in cc:Mail Mobile for the HP 200LX. With a modem, check your cc:Mail

post office and exchange messages with any cc:Mail user in the world. Handle messages with cc:Mail Remote Inbox, Outbox and Saved Message folders.

Receive news, weather, and stock reports automatically. Using HP 200LX terminal emulation, built-in data communications software, and a modem, access email and information services such as CompuServe.

With HP 200LX communications accessories, connect with devices like the Skystream wireless messaging receiver, modems, and global positioning systems.

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Don't leave the office without it! Now you can **download** spreadsheets from the big PC to your HP 200LX. Because this is real Lotus 1-2-3. *Take* that sales report, budget or investment portfolio right along with you in your pocket. *Update* as you talk. See the results instantly. *Zoom* them. *Show* them around. *Transfer* them back to your PC when you are in the office again.

If you need to leave Lotus, perhaps to check your appointments or to find a phone number, just press another blue key. When you're ready to use Lotus again, touch the blue 1-2-3 key and you'll be back in your spreadsheet, exactly where you left off. You can also copy part of a worksheet and move it to where ever you want it, maybe into a memo.



Sure, your HP 200LX will do the same timely chores that a Wizard or a BOSS will . . . to help you with appointments, schedules and priorities. But the HP 200LX is itself a PC, so it has a big Appointment Book program, with all the frills of an office machine plus the big memory to match.

You can set your alarms to go off, say, 15 minutes in advance. Set repeating appointments once and they'll show up as specified, weekly, monthly, or yearly.

Can't remember details from a note you saved? No problem. Enter a word or short phrase; search for it.



Your HP 200LX will have all the goodies that go with a big PC Phone Book and Database program done by Lotus, plus its giant RAM memory capacity.



You won't want to type a book into your HP 200LX—that's what desk PC's and secretaries are for. But you could edit a book on your 200, by using its Memo Editor, which is a small word-processor. Or store reference information. Or take a quick note on the spot.



Do simple arithmetic simply—either Algebraic or RPN style—you decide. Your HP 200LX will have the latest, most sophisticated Financial Calculator, one that only HP could give you. Time Value of Money answers and 'what-if' recalculations. Back-solving for any variable in your equation—and you can use this feature to compute values in worksheet cells, automatically!



Here's the quick power that touching the Filer button gets you:

- Create, rename, copy, view, and move files and directories
- RAM-disk backup
- Plug-in RAM card formatting
- DOS program execution
- Split-screen file transfer feature

That's what the 8 wonderful keys do, each by itself. But that's not all—*these applications fit together*. This means that you can *jump* from one to another at will, and even *take data along* with you. It means that you won't have to learn different schemes of commands for each piece of software, because these are *consistent*, as alike as Lotus programming could make them.

There's more powerful, built-in software, and it's easy to access with a single keystroke:

#### Notetaker

- Create, save and edit short notes
- Database of notes, indexed by title
- Title, categorize, and search capabilities

#### Database

- Create and modify database templates
- Add, delete, and edit records
- Search by field or text

#### World Time and Stopwatch

- Local and worldwide time for over 450 cities
- World map custom city list
- Timer and stopwatch

#### Setup Utility

- Display contrast, memory allocation, and beeper volume
- Printer and comm port configuration
- Battery status and NiCd recharging

#### Application Manager

- Manage all HP 200LX system applications, whether built-in, plug-in, or RAM-based
- Application key assignment, application RAM use, status, current drive, and files

## still undecided?

Let's recap the facts—this little gem has Hewlett-Packard design excellence in its logical architecture and in its calculations. It has MS-DOS, so it's fully PC-compatible. Quicken will manage your finances.

cc:Mail Mobile is built-in, so you can carry your electronic mailbox wherever you go. And it has Lotus 1-2-3 and Lotus Development's programming of its applications, so they all have similar, consistent command structures, and so you can transfer data and results back and forth between them.

- Lotus 1-2-3
- Phone book
- Memo editor
- Appointment book
- HP financial calculator
- 3.7 times faster than an XT
- Quicken
- Datacomm
- Filer
- 1 or 2 MB RAM
- MS-DOS 5.0

Is that reason enough to buy it now?

## which model fits your needs?

You get your choice of two models, the HP 200LX 1MB and the HP 200LX 2MB. There's just one difference, but it's a big one—one has 1MB of RAM memory, while the other has a full 2 Megabytes of internal RAM. Having the extra memory is like having a second card slot with a 1MB RAM card permanently installed in it (and everyone seems to want more memory).

**Live technical support** is available 5 am - 5 pm (Pacific time) Monday - Friday. You pay only for the call. (970)392-1001.

**Express Exchange Coverage for 1 year**—so if your 200 fails you merely call for a replacement, which arrives next day! Then just send back the old unit (full 3-yr coverage optional, order Support Pack). Offer includes PC, Quick Start Guide, User's Guide, nameplate and alkaline batteries; 1 yr Express Exchange warranty.

#HP200LX1MB (Palmtop PC) ..... \$499  
 #HP200LX2MB (Palmtop PC) ..... \$679  
 #H5465A [3 yr HP Support Pack] ..... \$85

## HP 1000CX

stripped for action—  
no built-in software!



HEWLETT  
PACKARD



If you want a palmtop DOS PC to run your own programs ONLY, here's your hot deal!

This special model has no PIM software, no Quicken, no Lotus 1-2-3, no cc:Mail Mobile. It does have MS-DOS 5.0, Laplink, 1MB RAM, and a low price—in fact the **lowest price**.

#HP1000CX [Palmtop PC] ..... \$399

# Monster Memory

## new HP 200LX **EduCALC** internal memory upgrade

Enjoy having an added 4MB of RAM in your C-drive—for many, many resident programs (great with Software Carousel), for room to spare while running data/comm software, for the greater speed of your C-drive instead of slower flash-card memory, EduCALC 1-yr warranty (not HP).

#HP200LX5MB [Expanded Palmtop] .....\$799

#HP200LX6MB Expanded Palmtop].....\$969

#HP100CX 5MB [Expanded Palmtop] ....\$699

Send your own 200LX to be upgraded to 5MB (some will even have 6)—we'll take about a week, 90-day warranty. Order before Dec. 31, '96 and you'll get Software Carousel and high-capacity rechargeable batteries **FREE**.

#3124 .....\$320

## your name engraved - free

We will personalize your name or initials free on a small plate that you can neatly adhere in a counter-sunk space on the back of your new palmtop. Just return the nameplate included with your palmtop and order Stock #95CNP. You'll be limited to 24 characters and your imagination.

#95CNP [Nameplate] .....**Free**

**T**rade **I**n **P**rogram

## Save even more —

**TRADE** In your used HP Palmtop. Order an HP 200LX 1MB at \$499 or an HP 200LX 2MB at \$679 before December 31, 1996 and receive a trade-in credit as follows:

\$200 credit for any HP 95LX or HP 100LX 1MB. When you buy an HP 200LX 1 MB, you pay **ONLY \$299**

\$180 credit for any HP 95LX or HP 100LX 1MB. When you buy an HP 200LX 2MB, you pay **ONLY \$499**.

\$280 credit for an HP 200LX 1MB. When you buy an HP 200LX 2MB, you pay **ONLY \$399**.

Take up to 30 days to return your used palmtop. Your unit must be in working condition, with manuals, for full credit.

here's where you find . . .

accessories	8
cables / interfaces	10
wireless modems	11
peripherals	12
software	14

## Subscribe now to The HP Palmtop Paper for HP 95/100/200

Thaddeus Computing



■ Be an insider ■ Be an expert ■ Be fully up-to-date

**You'll find out about the hidden features of your 95/100/200**—how to access secret utilities—even hidden games!

**You'll have how-to tips and tricks that make your work easier**—solve your problems—even give you impressive new powers!

**You'll read comparative brand-by-brand surveys** of the software and programming languages that work best in your 95/100/200—plus consumer's advice on peripherals like RAM cards and drives.

**BONUS Disk** . . . each year's subscription comes with a copy of the Subscriber PowerDisk loaded with the best programs, games and utilities that can be found. (Allow 4 to 6 weeks for your subscription to start.)

#2676, 1 year to U.S. address .....\$39

#2839, 1 yr air to Canada/Mexico .....\$45

#2840, 1 yr air, foreign .....\$57



## Plug-in Flash Cards Solid State

for 100/200/OmniBook

Better than a hard disk on a card—with flash memory chips and a built-in solid-state controller. It slides into the PCMCIA Type II or Type III slot of your instrument and is 100% MS-DOS compatible.

No back-up is required—this is a **back-up!** Flash memory is non-volatile so there are **no batteries**. This means no replacements for you. It also means **super reliability**—up to 100 years! Your flash card will be up to **20 times faster** than a hard disk drive, and it will consume **100 times less power**.

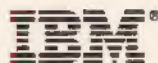
All flash cards come with built-in data-compression routines (Stacker LZS technology). These cards are marked for 2:1 compression ratios in our descriptions, but spreadsheet files may compress at a more than 3:1 ratio while some DOS files may have only a 1:1 ratio.

An independent magazine test showed, "Clearly, the IBM/Toshiba NAND ATA card outperformed all the other card/driver combinations."

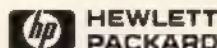


### File Card

for HP 200/OmniBook



#3423 [3MB\6MB Flash card] .....	\$199
#3424 [5MB\10MB Flash card].....	\$259
#3425 [10MB\20MB Flash card].....	\$419
#3426 [20MB\40MB Flash card].....	\$739
#3427 [30MB\60MB Flash card].....	\$999
#3428 [40MB\80MB Flash card].....	\$1239



#F1024A [1.8\3.6MB Flash card].....	\$199
#F1215C [6MB\12MB Flashcard] .....	\$409
#F1013C [10MB\20MB Flashcard] .....	\$579
#F1014C [20MB\40MB Flashcard] .....	\$959

## EPSON®

#2917 [2.5\5 MB compr Flash] .....	\$269
#2918 [5\10 MB compr Flash] .....	\$339
#2919 [10\20 MB compr Flash] .....	\$539
#2920 [20\40 MB compr Flash] .....	\$839

## Carrying Cases

for the HP Palmtop

## Plug-in SRAM Cards

for Palmtop  
or OmniBook

- access data super fast
- store giant spread-sheets
- run huge programs



Each card has its own long-lasting battery—it can be stored or mailed without losing the data or programs you've filed on it.

These cards satisfy PCMCIA specifications—they fit in the HP 95, 100 or 200, the Sharp PC-3000 and the NEC Ultralite.

### PreMax

#2987 [512K PreMax SRAM Card] .....	\$99
#2988 [1 MB PreMax SRAM Card].....	\$139
#2989 [2 MB PreMax SRAM Card].....	\$229



Look good  
being safe!

Handy outside pocket plus inside pocket for IC cards, etc. Leather model is soft and elegant; has a belt clip. Nylon model is made of washable, waterproof fabric. Both are black.

#2519 [Nylon Carry Case] List \$25 .....	\$19.95
#2520 [Leather Carry Case] List \$40 ...	\$27.95





## the Leather Desk

our best organizer for the executive's  
HP Palmtop

### EduCALC

Sumptuous black  
napa leather coddles  
your palmtop, with  
extra padding for  
instrument protection.  
Software and  
memory cards fit  
into 6 slots, 2 pockets  
hold notes and  
diary. There's a compartment for important documents  
and a loop for your pen.

It feels soft and rich in your hand, but there's a  
detachable carry strap, too. Plastic tray (included)  
grips your computer; 8.25 x 5 x 1.75 inches outside.  
#2764 [HP Leather Desk] ..... \$64.95  
#LT1 [extra plastic tray] ..... \$7



## Cigarette-lighter Adapters for the HP 95/100/200 and portable printers

### EduCALC

Our #2783  
powers the  
HP 95/100/  
200 or the HP  
InfraRed printer.  
#2862 powers HP  
95/100/200, IR  
printer, or the HP  
DeskJet printers.

#2862 [Cig-lighter Adapter] List \$45 .... \$39.95  
#2783 [Cig-lighter Adapter] List \$40 .... \$34.95



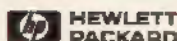
## Econo Adapter for HP 100/200 only

### EduCALC

110 volt, 60 Hz input, 90 day warranty. Recharges  
NiCds in your HP 100/200.  
Stock #3045 (AC Adapter) ..... \$15.95

## AC Adapter

for your HP Palmtop



Input 100-240 VAC, 50/60 Hz; output 12VDC,  
0.75A. Power for HP 95/100/200 or HP 82240A/B  
Printer. Recharges NiCds in your 100/200. List \$40.  
#F1011A [USA/Canada Adapter]..... \$34.95



## Nickel Cadmium Rechargeable Batteries

The HP 200 requires 2 AA batteries, and alkaline  
batteries come with it. If you replace them with Ni-  
Cds, the HP AC Adapters (#F1011A) will act as a re-  
charger. You'll get up to 1000 recharges on each set.  
#NAA [NiCd 0.5 AH, AA] .....\$2.89  
#2784 [NiCd .85 AH, AA, qty 2] .....\$6.95

## How to hook up your HP 100/200

If you're running Windows, get Intellilink  
(#2517A).

For DOS, all you'll need is HP's Connectivity  
Pack (#F1021B) — it connects to PCs, printers,  
modems and other peripherals. With the Con-  
nectivity Pack you'll also be able to run HP 100/  
200 applications, like Appointment Book, on  
your desktop PC.

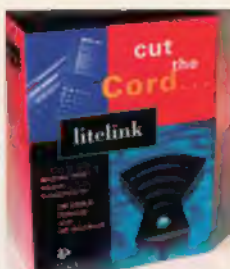
## Infrared Connectivity Pack

for HP 100/200/  
OmniBook

litelink

*Zap: you're  
backed up—  
Zap: you're  
downloaded*  
Compatible with  
#F1021B software.

#3102 [IR Connectivity Pack] List \$99.. \$89.95



## Keep your PC and palmtop in sync!

HP 95/100/  
200/Psion/  
Zaurus



*Windows 95  
compatible*



IntelliLink

Transfers between the basic functions of the OmniBook, HP 95/100/200, Psion Series 3/3a, Sharp Zaurus, Casio Z-7000, Tandy Z-PDA, and Windows applications on the PC. Data is translated between formats and reconciled, allowing merging of new data with old. Schedule, Telephone, To-Do, and Memo are supported with the following PC applications:

ACT! for Wins 1.1B/2.0	1.a/2.0Sidekick95
ASCII (CSV) file format	1MS Schedule+
1.0/2.0CaLANdar 2.55/3.11	Commence 2.0/2.
dBASE III/IV	DaytimerOrganizer 2.0
Lotus Organizer 1.0/1.1/2.2	ECCO 1.1A/2.0/3.0
Now UpToDate for Win	Excel 5.0
Polaris PackRat 4.1/5.0	Paradox 3.5/4.0/5.0
Sidekick 2.0 for DOS	Polaris Advantage
Win Cardfile/Calendar	Sidekick for Win
WordPerfect for Win 6.0	Word for Windows 6.0

Requires serial cable and PC running Windows.  
#2517A (IntelliLink 3.4.3, 3.5") .....\$94.95

**Thanks for  
your order!**

## Connectivity Pack

HP100/200 to desktop PCs



HEWLETT  
PACKARD

Seamlessly transfer files and worksheets directly or via modem, with a convenient split-screen filer interface. Includes desktop PC versions of most of the built-in PIM applications of the 100/ 200 (and they are fast). Also has 3 other PC programs—one merges, synchronizes or translates Phone Book or Appointment Book files, and LapLink lets your palmtop treat the PC's drives as its own. You'll also have the ability to synchronize Pocket Quicken with desktop DOS or Windows Quicken data files.

Includes a cable and adapters to connect your HP 100/200 to a 9- or 25-pin PC serial port, a modem or a printer. PC must have 286 processor, DOS 3.31 or higher/ Windows 3.1 and EGA or better; software will run as a DOS application under Windows.

#F1021B [Conctvty Pk, 3.5"] List \$125...\$109.95

The following are included in Stock #F1021B  
#F1015A [48/P-top to 9-p Ser Cble, 6']...\$24.95  
#F1023A [Serial Cable Adapter Kit] .... \$24.95

## Serial Cables

EduCALC

- Engineers
- Instrument Makers
- Hobbyists

Connect your HP 95/100/200 to anything you want! Six foot cable has 4-line serial connector (2601) or 10-line (3003) molded onto one end, with the other end untermi-

nated. You can also order this cable terminated with a female 9-pin (computer RS-232) connector and built-in strain relief (#2609 and # 2793).

#2601 [Unterm Ser Cble, 95LX, 6'] ..... \$15.95  
#3003 [Unterm Cable, 100/200LX, 6'] .. \$16.95  
#2609 [HP 95 to 9-pin Serial Cable, 6']...\$22.95  
#2793 [100/200 to 9- pin Ser Cable] .... \$22.95  
#2936 [HP 10 pin RJ 45 Cable, 9'].....\$20.95





## Battery-powered HP 95/100/200 to Parallel Printer Data Converter

**Greenwich  
Instruments**



Get beautiful printout—now your HP 95/100/200 can drive a portable parallel printer (such as the Canon BJ-10c Bubblejet).

You connect this serial-to-parallel converter to any palmtop via a serial cable, and send its output to any parallel printer via a 'Centronics' 36-lead cable. Up to 250 hours on one 9v battery (not included)

#GA935 [Ser/Parallel Converter] ..... \$54.95  
#9V [Alkaline Battery] ..... \$2.80  
#F1015A [48/P-top to 9 pin Ser Cable]...\$24.95

## PocketJet ultra-light, ultra compact 300 dpi thermal printer— the world's smallest!

**PENTAX**



Up to 3 ppm on a nice flat thermal paper yet it's only 2 lb with battery and adapter, a tiny 10.04 x 2.16 x 1.18 inches. Recharges in 70 minutes. LaserJet IIP (PCL4) emulation, with 7 HP internal fonts plus downloadable fonts.

Everything is included: parallel cable, AC adapter/charger, battery, carrying case & 100 sheets of paper. DOS utility, User's Guide, & Quick Reference Card

#3294 [PocketJet] List \$449 ..... \$399.95  
#3295 [100 sheets Thermal Paper] ..... \$7.95  
#3062 [Shier HP 100/200 Serial Cable] \$29.95  
#3106 [Serial Interface Cable] ..... \$24.95

## PN50 & PN60 portable 360 dpi plain-paper printers with color & battery options

**CITIZEN**



Small (10 x 2 x 1.85 inches) and light (11 lb, plus .4 lb optional battery). Prints 2 ppm on cut sheets, letter head, even transparencies.

You'll get about 30 text pages on a black cartridge (included) or 35 pages with color (optional, PN60 only). Comes with parallel cable and also accepts RS-232C serial (cable optional). Accepts TrueType and other fonts, has 5 resident fonts, 64-100K bytes compressed buffer

PN50 is black & white only. Comes with internal power adapter, Windows driver, User Manual, 2-yr warranty. PN50 requires Serial/Parallel Converter

#PN50 [PN50 Printer] List \$399 ..... \$249.95  
#PN60 [PN60 Printer] List \$399 ..... \$349.95  
#3289 [Ni-Cad Battery] ..... \$79  
#3290 [Car Adapter] ..... \$44.95  
#3061 [Shier 100/200 to PN60 Cable]..... \$34.95  
#3292 [2 Black Cartridges] ..... \$8.95  
#3293 [2 Color Cartridges] ..... \$13.95

## Link-A-Printer

*Brand New*

Serial-to-parallel converter  
for OmniGo 100,  
HP 100/200LX

**Greenwich  
Instruments**

Plug one end into your palmtop and the other into any parallel printer. Off/On switch, fast 9600 BAUD

#3373 [Link-A-Printer II] List \$79 ..... \$69.95

## Connectivity Products for HP 95

**hp HEWLETT  
PACKARD**

#F1015A [48/P-top to 9 pin Ser, 6'] ..... \$24.95  
#F1023A [Ser Cable Adapter Kit] ..... \$24.95  
#F1016A [Mac/Apl to 95/100 Cable] ..... \$24.95  
#F1001AS [HP 95 Con Pk, Spanish] ..... \$79.95  
#2609 [48/95 to 9-pin Ser Cable, 6'].....\$24.95

## R/F PalmStation Plus for HP 100/200



*free yourself from phone lines,  
external modems and  
cellular networks*

That's right! Pop your HP Palmtop into this docking station to get an instant wireless connection from virtually anywhere. Whether you're in a high-rise or a delivery truck or a city park, you'll have access to the whole world.

R/F PalmStation Plus comes complete with a wire line modem, too—just plug it into any phone jack (cable inc) and you're on the Internet. Also has RS 232 serial I/O port to connect to a computer (cable inc). Operates 10 to 12 hours on a charge, so you can work the whole day through without recharge (wall adapter and automobile adapter inc). Does not use your 100/200 card slot.

Only weighs 1.7 lb without HP Palmtop. 8 x 4.5 x 2 inches. 1W transmission, manual 1-yr warranty. Airtime Services Agreement form included in your box.

#10020A [R/F PalmStation Plus] ..... \$895

**EduCALC—your choice  
for mobile computing!**

## Experience the freedom and power of portable, wireless computing with Personal Messenger

AA MOTOROLA



**100D  
Wireless  
Modem  
Card**

Small, lightweight PCMCIA Type II format—works in most portable PCs, including HP 100/200LX, HP 600C/CT and the PTV-30.

Self-powered for stand alone operation. accepts rechargeable NiCd or standard 9v batteries and can receive and store messages while not connected to computer.

Weights only 155g (0.34 lb) with battery, 8kB RAM, 1W transmission; 1-year warranty. Airtime Services Agreement form included in your box.

#3422 [Wireless Modem Card] ..... \$689

**10 x 10  
Cable  
for fast  
data transfer,  
HP 200 to 200  
HP 100 to 100**



**EduCALC**

Works with two HP 200s or two HP 100s, at maximum speed. 2' cable has 10-pin serial connectors on both ends and is small enough to fit in a case with your instruction.

#2624B [10 x 10 Cable] ..... \$22.95

**EduCALC News Line (714) 582-3976**  
Phone EduCALC any time for weekly reports on the latest products and activities for handhelds and palmtops. Updates are made each Tuesday. Topics include new products or services, special offers, novel applications, and news about the activities of user groups.



## Travel Floppy 144

take this 3.5" disk drive with you — connects to any PCMCIA type II slot for HP 100/200

## Accurite

Small (4 × 6.3 × .85 inches) and lightweight (18.9 oz)—so you can up- and download large amounts of data on the road.

You can hot-swap the type II PC-card controller so you can move files without exiting the software in use—for quick, simple and economical backups and transfers.

Controller card comes with its 18-inch cable—AC adapter included (required with HP 100/200), manual, software drivers and utility. Requires connectivity kit. Not for HP 95LX.

#3051 [Travel Floppy 144] .....\$229

**Visit our Web Site Find out first about new instruments, software and accessories plus latest prices—**  
<http://www.educalc.com>

## Fax/Modem & Memory PCMCIA Type II card for 100/200/OmniBook



Combines 14,400/9600 bps fax send/ receive and 2400 bps modem with the memory—6MB—that turns your HP portable into a real mobile communications center.

Features error correction, fallback for slower-speed modems, auto dial and answer. Prints incoming faxes on HP LaserJet & most other printers, schedules faxes for economical phone rates, faxes to multiple destinations. Has built-in phone-line interface, Auto Stand-by and Sleep modes (lowest power consumption), and is COM 1 or COM 2 configurable.

The 6MB Flash memory can be used to store Fax, data or other files. 5 yr warranty. List \$449  
 #3054 [Fax/Modem & Memory, 6 MB].....\$389

## Swap Box internal PC card drives full PCMCIA compatibility for your desktop

SCM



Here's the bridge, between your PCMCIA-equipped palm top and any desktop PC

Now you can share the same set of function cards in both machines—save on the cost of peripherals like memory cards and also FAX/Modems, LAN adapters, etc. You'll maximize your computing investment dollars.

Each drive accepts all PCMCIA release 2.0 cards, types I, II and even big, fat type III. Each carries an unprecedented 5-year limited warranty, the hallmark of fine engineering and precision manufacturing. Each transfers data at 2MB/sec.

Entry-level drive #2977 has a single slot with access at the rear of your PC, #2978 has a single front-access slot, and power-user's #2979 has both slots (one front and one rear, for simultaneous use).

2-in-1 drive #3304 gives you 2 PC-card drives in a single front drive bay, while all-purpose #3305 has one PC-card slot and one 3.5" floppy slot, both in one drive bay.

#2977 [Swap Box Lite] List \$92 ..... \$79.95

#2978 [Swap Box Classic] List \$152 .... \$114.95

#2979 [Swap Box Premium] List \$185 ..\$179.95

#3304 [Swp Bx Classic x 2] List \$155 ...\$134.95

#3305 [Swp Bx Clas Combo] List \$219....\$189.95

## Read our mail from New York—

"EduCALC is really the leader store in the sale of calculators and computer products. Keep up with your good work!"

Krishna Shukla, Buffalo

## ThinFax 144LXM Modem & Memory for HP 100/200

**EXP**



- 14.4K bps send/receive data/fax
- 2, 4 or 8 MB built-in flash memory (optional)
- Compatible with cc Mail and Datacomm, automatically programmed to be COM2 by your HP 100/200.
- The faxes you receive can be stored in memory (optional) right on the card, so you get both functions in your one PCMCIA slot, memory and communications. Error correction, data compression, auto-dial/answer
- #3057 [ThinFax 144] List \$329 ..... \$229
- #3058 [ThinFax 144, 2MB Fl] List \$379 ..... \$279
- #3059 [ThinFax 144, 4MB Fl] List \$429 ..... \$339
- #3108 [ThinFax 144, 8MB Fl] List \$599 ..... \$499

## StarLink wireless receiver card for 100/200/OmniBook



**HEWLETT  
PACKARD**

- News and Sports
- Stocks and Company Reports
- Messages from anyone with a telephone, anytime, anywhere
- email from anyone with a modem, anytime, anywhere
- update your appointment book

You just plug this into a PCMCIA Type II card slot, receiver card contains StarLink software. Then choose coverage to match your needs—local, regional or nationwide—news and sports, stocks, or any of a whole list of options. Call 1-800-917-LINK for service pricing information or answers to technical questions.

StarLink card has a bulge outside your palmtop or laptop card slot—includes one AAA alkaline battery with approximately 21 days life, 128KB applications flash and 128KB message RAM memory. One year warranty with Express Exchange overnight replacement if you need it. List \$229

#F1028A [StarLink Receiver, card] .....\$219



## Software Carousel memory management software for HP 200LX

**SunShine**  
Software Company

*hot-key switching  
among up to 12 programs*

If you are a power user, here's fast, easy, simple memory maximization

3.5" disk, user's guide  
60-day replacement warranty Phone, fax or email  
Sunshine tech support

#3431 (Software Carousel) List \$90 .....\$79.95



## EduCALC Bulletin Board System

The EduCALC Bulletin Board System is another method of support from EduCALC! To better serve its customers, EduCALC has installed a dedicated, state-of-the-art, multi-line Bulletin Board System (BBS)

EduCALC customers can do the following free of charge:

- place a catalog order
- request help from technical support
- view/download current catalog information
- view general message areas
- read and respond to classified ads
- order and download selected software on-line
- download from general file areas

For a small subscription fee, EduCALC Bulletin Board Priority Customers will get all of the above *plus*:

- view/download the latest catalog before it's released
- place classified ads
- view weekly specials available only to priority customers
- special download file areas
- other valuable benefits

The EduCALC Bulletin Board System can be reached at (714)348-8115. Set your communications software to 8 bits, no parity, 1 stop bit (8-N-1) Baud rates up to 28.8K are supported.

**EduCALC BBS (714)348-8115 8-N-1  
Sys Op (714)458-1578**

### NEW SERVICE—CD-ROMs

Orders can now be placed through the EduCALC Bulletin Board System for pre-mastered CD-ROMs. A video-to-CD-ROM service is also available. Log on for full details!



**ACT! v 1.1**  
for HP Palmtops  
on 3.5" disc

**Symantec**

take your  
**ACT!**  
on the road

you'll have the  
world's most pop-  
ular contact-man-  
agement software where you need it  
most—right with you, in your palmtop.



Track your contacts and clients

- Tracks up to 4000 contacts
- Automatically-updated contact history
- 71 user-definable fields
- User-definable, pop-up windows for easy data entry
- Hide/protect field attributes
- Database Password Protection
- Instant contact 'Look-Up' capability
- User-definable and keyboard
- Date-stamped notes for each contact search

Generate reports, to view,  
file and print out

- Address list
- Tasklist for all activities
- Contact report
- Future Activity report
- Phone List
- Calendar of to-do's

Manage your calendar and to-do list

- Daily activity list of calls, meetings and to-do's
- Instant 'asklist' for any date-range
- Week-at-a-glance calendar view
- 'One-finger' scheduling of multiple activities
- 'Pop-up' alarms for critical activities

Track all your expenses, on the fly

- Expense detail, billable hours and mileage
- Expense reporting by date range or type of expense

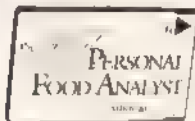
#3031 (Act! for Palmtops) List \$129 .....\$99.95

#F1015A [Palmtop to 9 pin Cable, 6'] .....\$24.95

**Sale—digital card  
dieting for only \$59.95**

**Personal Food Analyst,  
Consumer Version**

Nutritional software  
for your HP 95/100/200



- Used by all 1st year students at Univ of Arizona Medical School
- Recommended by Take Care, Inc., one of the country's largest HMOs

**Take control of your own body!**

Take this intelligent diet program along with you—it will analyze food for 27 nutrients to show you how much you should eat (based on your personal profile and daily goals), record what you do eat, and keep track of how well you've done during the past week (printing it out if you wish).

Comes on 1 Meg ROM card to slide into the slot on your HP Palmtop—so easy to use that in 20 minutes it will start having a stunning effect on your health and appearance! Illustrated booklet included.

Stock #2852 (Per Fd Analyst) List \$149 ~~\$129~~ **\$59.95**

**PC in your  
Pocket**

edited by Ed Keefe

for 95/100/200

- the how-to book for HP palmtops
- tips and tricks from users worldwide
- real-life stories of how people use the palmtop in their own lives

Here are the best, most useful articles culled from 10 years of the HP Palmtop Paper, a bimonthly, independent support newsletter

Chapters cover an Overview, Staying Organized, Info When You Need It, Typing Tricks, plus all 9 of the other topics you'll want to help with

#3134, PC in yr Pocket, 274p sfibnd .....\$19.95



## Palmtops - EduCALC



### Prolinear

*Just what you've wanted—fast, and big enough to type on (a superpalmtop) yet small and light enough to carry like a book (a subnotebook).*

*Big yet small?* 9.5 x 4.5 x 1.25 inches, with 7.5 in diagonal screen

*Can you type on it?* 82 key (about 80% size) QWERTY keyboard, so you'll type at about ¾ speed after a half-hour's practice

*Can you read it?* 640 x 200 pixel resolution with contrast control on keyboard

*What exactly is WORKS?* Microsoft's all-in-one office program—Word Processor, Spreadsheet, Data Base and Communications programs, designed to fit together. There's also PIM software—File Management Planner To Do list, Calculator and Phone Address Book

*How big is the memory?* 2MB or 4MB RAM. But all your WORKS and PIM software runs from 2.5MB ROM, so you'll have room for some big files in RAM

*How flexible is it?* 2 Type III PCMCIA card slots, for software, hard drive or more memory. Standard serial and parallel ports to connect to your desktop PC or printer. Mode. #3459 includes modem with phone jack. Runs on 4 AA batteries (10-20 hours, rechargeables OK) or AC adapter

*What comes with it?* 226p Owner's Manual, AC Adapter, 3.5 Serial Cable, snug Carry Case, batteries, 1-yr warranty

#3457 [Mini Note 2MB] List \$985 .....\$879

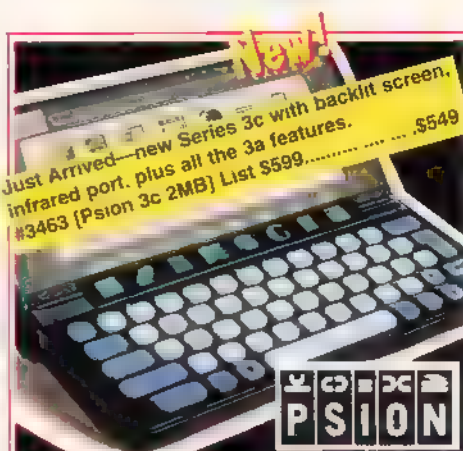
#3458 [Mini Note 4MB] List \$1134 .....\$1039

#3459 [Mini N 2MB/Modem] List \$1114...\$1029

#3112 [Executive's Leather Case].....\$79.95

### Mini Note the price is right

- fast 386SX chip runs at 25MHz!
- weighs an unbelievable 1.2 lbs
- built-in PIM and MS WORKS 2.0
- touch-typable keyboard
- 80 col x 25 line CGA on 16-gray level supertwist LCD
- built-in DOS 5.0, and it will run Windows



**Get \$75 Cash Back from Psion. Order your Psion 3a 1 or 2MB before 12/31/96. Coupon in box.**

The world's favorite palmtop—for word-processing and for programming

Big 80 character by 17 line full page screen has sharp CGA graphics and a Windows-like interface. Built-in Software game

Easy-to-type QWERTY keyboard yet it weighs only .11 oz and folds to pop into your pocket. 6 x 2 1/2 x 3/4 inches. Two AA batteries last months

A single key switches you between functions

■ **word processor**—fonts, styles, password, built-in spell checker/thesaurus

■ **spread sheet**—shows entire 12 months at once, 1-2-3 compatible

■ **programming language**—like BASIC, with compiler

## MS Automap plans your route

Going on a trip? Take your Psion—simply tell it where you are and where you want to go. Your 3a will tell you the most direct, least expensive way to go.

Road Atlas spans 150,000 cities and towns in the US, plus 423,000 miles of road. Selects Interstate or divided highways, or else secondary roads. Allows for stops on the way, gives you graphic overviews, table views, split-screen, and lists every turn you take, then it plots your progress.

Comes on solid-state card, runs on Series 3a, all memory versions.

#3401 (Road Atlas, card) List \$120 ..... \$99.95

■ **personal info management**—addresses, calendar and To-Do with alarms

■ **database**—fully customizable and extendible

■ **scientific calculator** ■ **auto dialer** ■ **world time**

Built-in microphone and digital audio system so you can record reminders. Speaker doubles to auto-dial tones with any phone. Two proprietary card slots for software or memory; 1-yr warranty.

#3310 [Psion 3a 1 MB] List \$595 ..... \$399

#3311 [Psion 3a 2 MB] List \$695 ..... \$539

#2626 [128K Flash, card] List \$65 ..... \$54.95

#2629 [1MB Flash, card] List \$195 ..... \$149.95

#3079 [2MB Flash, card] List \$295 ..... \$224.95

#3098 [Win Link + Cable] List \$120 ..... \$89.95

#3077 [Mac Link + Cable] List \$120 ..... \$89.95

#2967 [Serial/Printer Link] ..... \$24.95

#2966 [Parallel/Printer Link] ..... \$49.95

#3093 [3FAX/Modem ] List \$295 ..... \$224.95

#2970 [SpChkr/Thesars, crd] List \$100 ..... \$79.95

#3089 [Games 3a, card] List \$100 ..... \$79.95

#3313 [AC Adapter] ..... \$19

#3368 [Viny! Case] ..... \$20

#2763 [Leather Organizer] List \$90 ..... \$57.95

#2517A [IntelliLink, 3.5"] List \$100 ..... \$94.95

### Quicken-compatible

### Personal Finance Software

Designed for the American 3a user: 125-p Owner's Manual, 3.5" disk

#3409 (Banker 2.0) List \$120 ..... \$99.95

### ACT! for Psion

Contact Manager similar to ACT! for Windows (see page 15 for full description).

#3410 (ACT! for Psion, card) List \$120 ..... \$99.95

## Envoy 150 wireless communicator

■ **No wires**

■ **No limits**

■ **Fits in your palm**



**MOTOROLA**



Receive and send email in the middle of an all-day meeting, send a fax from the back of a cab, or check stock prices while waiting for your next appointment.

Communicate wirelessly with any fax machine in the US, or computer with a fax modem. Reach anyone with an Internet address including people using AOL, Compuserve, Prodigy and LAN-based email systems with Internet gateways. 9600/ 2400 fax baud, 4800 wireless.

It is a giant screen organizer, too—use a serial cable (optional) to print files through your PC or download data to/from Macintosh or Windows based applications, including the entire contents of your Lotus Organizer.

Comes complete with software, including communications via AT&T, RadioMail, OAG and AOL. Ardis Personal Messaging available for 2-way wireless service covering 10,000 cities and towns with fully automatic roaming. Pocket Quicken is a bonus.

The unit is the size of a paperback book, weighs less than 2 pounds and has a simple touch-sensitive screen. Two PCMCIA slots, type II, Motorola reliability with a 1-yr warranty.

Make the most of every minute of every day. Get ahead by staying ahead.


#3447 [Envoy 150] ..... \$1295

#3448 [System Carry Case] ..... \$39

#3449 [Travel Charger, for auto] ..... \$39



## HP OmniGo 120 Organizer Plus

 You choose—Pen input *and* Keyboard input

Unequalled *financial capabilities*—you'll have the familiar **HP 12C** emulated on your screen, plus TVM, cash flows and the HP Solver

With built in **Pocket Quicken**—you can instantly organize your finances—connect to PC **Quicken** and **ExpensAble**

### Hardware Platform

- 80186 running at 16 MHz
- 1 MB SRDRAM
- 3 MB ROM
- 1 PCMCIA Type II card slot accepts RAM, not most Flash
- RS232C serial interface
- GEOS Operating System
- 2 AA & 1 lithium batteries
- 1. ounces, pocket size
- Dimensions 6" x 3.7" x .7"



*New, easy-to-read holographic display*

On a plane, at a trade show, even on the beach—



Check your *calendar*, make *to-do* lists, look up *phone numbers* and access a *database*. Use an *electronic*

## Save money with OmniGo 100

If you don't need the very brightest and clearest of displays, get the OmniGo 100—it comes with free Pocket Quicken (on disk, serial cable required to download). Free "Power Pac" see p. 48  
#F1310A [OmniGo 100] List \$302.....\$239

## OmniGo Link to Windows PC

for OmniGo 100/120



*Available November '96*

*Expand your OmniGo's power!*

All you need to connect to your desk PC, and more Includes 4- to 10-pin connector and 1.5 m serial cable

Automatically synchronize the data between your organizer and PC—Phone Book, Appointment Book, Notepad and Database info with most popular PIMs as well as HP PIM software for your PC (included)

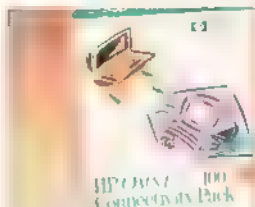
Includes 6 Strategy Games, Clip & Go Software  
#F1036A [Link to Windows PC] .....Call  
PC Connector/Adapter Kit contains complete set of 4 adapters: 9- to 25-pin for printers, 9- to 9-pin gender changer or 9- to 25-pin for modems, and 9-25-pin for PC's

#F1023A [PC Connector/Adaptr Kit].....\$24.95

#F1015A [extra Serial Cable] .....\$24.95

## Connectivity Pack

for OmniGo 100



Backup and download with any Windows PC Synchronize ApptBk, Phonebk and Notepad data in 1 step—desktop PIM is included

Easy data entry using PC keyboard—data import/export using CSV, TSV or dBASE file formats, even from Casio, Sharp and Psion organizers, or import from 100/200LX Win 95 compatible.

Comes on 3.5" diskettes with serial null-modem cable, 9- to 25-pin serial cable adapter, User's Guide Cable only also available, List price, \$120.

#F1311A (Connectivity Pack) ..... \$49.95

# EduCALC - Organizers

*notepad* to organize by drag and drop, then store notes *Worldtime* with alarms and stopwatch. You can even play *Solitaire* or view electronic content using *Geoworks Book Reader*. You can add memory, connect to printers, PCs and more with optional HP and 3rd party accessories.

You can input with the keypad or use Graffiti, the easy-to-learn pen method that's really reliable, for data entry.

You can dynamically link your built-in Clip & Go clipboard to a Windows PC clipboard with optional "Link to Windows PC" (#F1306A).

You'll have *TVM* for loan amortization and interest rate calculations, *Cash Flow* for interest rate, PV, FV and period calculations with variable payments or deposits, *Business Percentage* for markup, margin and percent change, *Conversions* you use for currency, length, area, mass, volume and temperature, *Spreadsheets*, *Statistics* in 1 and 2-variables to fit a curve or graph data. Plus a complete *HP 12C Calculator* emulated on your OmniGo 100 (manual optional).

#F1305A [OmniGo 120] List \$489 ..... \$389  
 #718, HP 12C Owner's Manual ..... \$14.95  
 #F1314A [extra Pens, 3 pack] ..... \$10  
 #H5465A [HP Support Pack] ..... \$85

## Compact Flash Card

for OmniGo 120



Matchbook-size removable card fits in adapter (included) which goes into any PCMCIA PC Card slot. Uses no battery, low power consumption, shock resistant.

#F1302A [2MB CF card & adapter].....\$239

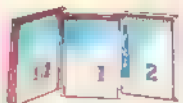
## RAM Cards

for palmtops and organizers

**PreMax**

Dual lithium batteries beep you when low, 3-yr warranty

#2987 [512K RAM card] .....\$99  
 #2988 [1MB RAM card].....\$139  
 #2989 [2MB RAM card].....\$229



## Strategy Games

for OmniGo 100



*Tiles*, a version of Mahjong ■ *Uki*, a version of the animated stones game ■ *Black Box*, player finds hidden atoms with lasers ■ *Decode*, a twist on Mastermind ■ *HiHo*, a multi level version of Go ■ *Four in a Row*, a multi-dimensional tic-tac-toe.

Comes on 3.5" diskette download to install!  
 #F1313A (Strategy Games for 100)..... \$49.95

## Flash

## Memory Cards

**Magic Ram**

### high capacity OmniGo plug-in memory

No back-up required—this is a backup—no batteries, super reliable. Fast, low power, durable, with lifetime warranty.

#3432 [2MB Flash Memory Card] .....\$169  
 #3433 [4MB Flash Memory Card] .....\$249  
 #3434 [8MB Flash Memory Card] .....\$379  
 #3435 [10MB Flash Memory Card] .....\$449  
 #3436 [20MB Flash Memory Card] .....\$759  
 #3437 [40MB Flash Memory Card] .....\$1399

## the Leather Desk

our best organizer  
 for the executive's OmniGo 100



Sumptuous black napa leather coddles your OmniGo 100, with extra padding for instrument protection. Software and memory cards fit into 6 slots, 2 pockets hold notes and diary. There's a second compartment for important documents and a loop for your pen.

It feels soft and rich in your hand, but there's a detachable carry strap, too. 8 1/4 x 5 x 1 3/4 inches outside.

#2763A [OmniGo 100 Leather Desk] .... \$57.95



## Rich and Elegant Black Leather Carry Case for your OmniGo 100



*hi-touch safety for  
your hi-tech investment*

Slim, trim and impressive, yet this formfit beauty protects your OmniGo from all those inevitable spills, scratches, knocks and drops.

Pocket in flap holds PC card or business cards, velcro closure

#3125 [Leather Carry Case] List \$40.....\$27.95

## Fitness Tracker for OmniGo

*Brand New*

J. Justin &  
Associates

## Do you work out?

*Track and maximize  
your performance in  
aerobic exercise regi-  
mens and competitive  
events*

Performance Calculator assigns a grade to each set Custom Exercise Library accepts any type of exercise from free weights to track and field events and you can develop custom routines for them. Pop-up lists

You'll get feedback dynamically, even during a session—useful statistics, so you can adjust performance. View present set simultaneously with past 4 sessions', or scroll to last week's or last month's'

**Personal** version tracks 2 trainees at once—also has Print feature for any single session with machines

**Professional** version tracks multiple clients with differing routines, accepting forms in Phrase/Template Library to generate and Print progress reports, Notes and Billing Forms. 3.5" disk, Manual

#3460 (Basic Fitness Tracker).....\$119

#3461 (Personal Fitness Tracker).....\$139

#3462 (Professional Fitness Tracker).....\$199



## Zaurus ZR-5700 SHARP

keyboard enhanced PDA  
with new built-in Spreadsheet and  
Communications Applications



- Excel-compatible Spreadsheet application
- CompuServe Companion—access email, news and forums
- AT&T Mail— send/receive email while away from your PC
- Remote Access Software—access your PC files
- Touch Screen, PC Card Slot Type II, Serial Port, Infrared beam
- full PIM applications, including Clocks, Calculator, Word Processor

CE-FM4 Fax/Modem or PC card required for communications applications, plus PC pager card and pager service for pages

#ZR5700 [Zaurus] List \$599 ..... \$519

## Zaurus ZR-5800/ZR5800FX Backlight Illuminated Display and 2 MB Memory (1.6 MB user area)

**SHARP**

- Plus all the powerful features of the ZR 5700  
Dimensions: 6.7" x 3.9" x .9". Weight 14 oz.

#ZR5800 [Zaurus] List \$699 ..... \$619

#ZR5800FX [Zaurus + Fax/Modem] ..... \$699

#CEFM4 [Fax/Modem] .....\$139

#CEIR1 [Wireless I-face for Printer].....\$145

#CEIR4 [IRDA Wireless I-f for PC] ... \$144.95

#CEBK1 [Batt Pk, Recharg] List \$150.....\$129

#EA23E [AC Adapter for Zaurus] ..... \$7.95

#ZR5C01 [AT&T Mail Software] ..... \$69

#EA11E [AC Adapter for CEIR1] .....\$7.95

#2767 [512K Epson SRAM Card] ..... \$119

#2768 [1 MB Epson SRAM Card] ..... \$169

#2517A [Intellilink, 3.5"] List \$100 ..... \$94.95



# EduCALC - Organizers



## Serial and Parallel Interface Kit for Zaurus or Wizard

**Aegis**

Access PCs, modems, printers, etc. directly—Wizard  
PC transfer requires software. contact Sharp.  
#3383 [Sharp Interface Kit] List \$90 .... \$69.95


**pilot**


The up touch, down touch

**US Robotics**  
The Intelligent Choice In Information Access


At last—the  
tiny organizer  
you Hot-Sync  
with your  
PC—then pop  
in your shirt  
pocket or  
purse.

 Back-up,  
download  
and up-  
date—all with one  
key, automatically

 Addresses,  
phone and  
fax num-  
bers, with notes—  
you can keep up to 15 address lists.

 Calendar, day's agenda—scan for open  
time slots, attach notes or alarms

 ToDos—sort by priority or due date.

 Notes—jot on the road with stylus or key-  
board, then drag and drop into programs on  
your computer

Calculator and Find, too, at a touch  
4.7 x 3.2 x 0.7 inches, and only 5.7 ounces! Pilot  
1000 holds over 1000 records, Pilot 5000 over 5000;  
8 to 12 weeks on 2 AAA batteries, included

Comes complete with PC organizer software,  
docking cradle with cable and adapter, stylus, carry  
pouch, User's Guides, Quick Start Card; 1 yr. warranty.  
#P1000 [Pilot 1000 Organizer].....\$289  
#P5000 [Pilot 5000 Organizer].....\$369  
#3117 [1MB mem upgrade, Pilot 1000].....\$159  
#3133 [IntelliSync] .....\$69.95



## Save These Numbers

**D'ZIGN** (209) 297-8025

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102752.727@compuserve.com

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Technical Support (423) 357-8931

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**SYMANTEC** (541) 465-8675

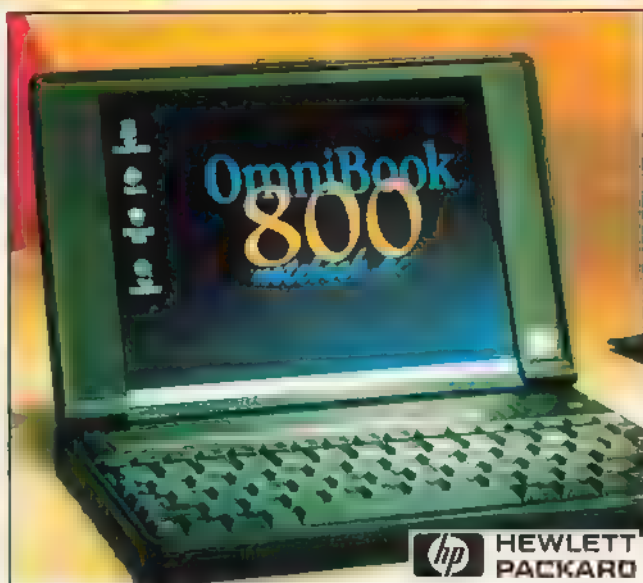
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**TRIPOD DATA SYSTEMS** (800) 426-8026

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Pentium Power at 133  
or 100 MHz/  
Instant-On—  
no more boot and wait  
1-34GB or 772 MB  
Hard-Disk Drive  
16-bit Stereo Sound  
with mike and in/out ports  
Lightest Desk Top-to-go  
comes with both—  
Win 3.11 & Win95—  
you choose  
SVGA Color—10.4" TFT  
or 10" DSTN  
Easy-to-use pop-up mouse  
16 MB RAM—  
expandable to 48 MB  
Supports Hot-Docking



**Lightest and Smallest full-function PC—only 3 3/4 lbs with battery**—so it's the most convenient and powerful subnotebook on the market

**Convenience** is what portable computing is all about—if you prize it above all else, the OmniBook 800 is for you. Here's the portable that still fits on the incredible shrinking airline tray table. It will run till you land, too—**up to 3 hours on a charge.**

The 800CT has a big brilliant 10.4 inch TFT (thin-film transistor, active matrix) display, the 800 CS a 10 inch DSTN (passive matrix). Both use a new lithium-ion battery that get 40% longer life.

This is the speed and power you want to run your own DOS or Windows software—the exact word processor, database, spreadsheet or whatever you are used to. Handy HP PIM software is built in, too.

**You'll be using a full-size standard keyboard**—this is the only notebook under 5 lbs that offers instant, effortless touch-typing. Plus, when you turn it ON it wakes up instantly where you left OFF—no more rebooting.

**Built-in pop-up mouse** works just like the desktop mouse but without the hassle. *Portable Computing* magazine gave this mini-mouse its Exceptional Merit Award—only HP offers such a mouse. External ultra-thin 3.5", 1.44 MB floppy drive, optional 4 x CD-ROM drive.

Serial and parallel I/O, and floppy disk, external video, SVGA-out, IrDA-2 infrared, SCSI-2 docking stereo in/out and mike-in ports. 2 PCMCIA Type II

or 1 Type III slots are Card Bus ready. 3-yr worldwide warranty.

Docking system F1177A has standard half-length ISA/PCI slot, parallel, serial SVGA out, PS/2 keyboard and mouse, stereo-out, Fast SCSI-2, external floppy ports, supports PnP and hot docking.

Specs for the 800 models are coded in their price lines below. For example, #F1175A is the OmniBook 800CT with a Pentium chip (5) running at 133 MHz with a 1.35 GB hard disk drive and 16 MB of RAM having a 10.4 inch display of type TFT.

#F1175A [5/133, 1.35 GB/16MB-10.4" TFT] \$4299  
#F1171A [5/100, 810MB/16MB, 10" DSTN] \$2999  
#F1177A [HP Docking System, 800] \$419

#### Accessories for 800 and 600 Series

#F1044B [HP AC/DC Adapter] .....\$94  
#F1049A [HP replacement Mouse] .....\$45  
#F1059C [HP 3 mode flexible disk dr] .....\$186  
#F1063B [HP External batt charger] .....\$49  
#F1121A [HP Lithium Ion batt pack] .....\$129

#### Accessories for 800 Series only

#F1118A [HP CD-ROM drive pwr cable] .....\$39  
#F1164A [HP 810MB hard disk dr] .....\$989  
#F1166A [HP 1440MB hard disk dr] .....\$1499  
#F1167A [HP 8MB RAM expansion cd] .....\$334  
#F1168A [HP 16MB RAM expansion cd] .....\$649  
#F1169A [HP 32MB RAM expansion cd] .....\$649  
#F1182A [Docking conn to SCSI cable] .....\$49  
#F1196A [HP Quad-speed CD-ROM dr] .....\$419

## Accessories for 600 Series Only

#F1044B [extra AC Adapter] .....	\$94
#F1058A [NiMH battery pack module] .....	\$94
#F1121A [Lithium Ion Battery for C or CT] .....	\$129
#F1063B [External battery charger] .....	\$49
#F1064A [Automobile adapter] .....	\$94
#F1054A [4-MB RAM expansion card] .....	\$314
#F1055B [8-MB RAM exp cd for C & CT] ..	\$559
#F1123A [16-MB RAM exp cd for CT] .....	\$1099
#F1124A [24-MB RAM exp cd for CT] .....	\$1649
#F1071A [Port Replicator] .....	\$329
#F1049A [extra OmniBook mouse] .....	\$45
#F1059B [extra 3.5" extern floppy drive] .....	\$186
#F1068A [extra 170 MB hard drive] .....	\$449
#F1069A [extra 260 MB hard drive] .....	\$529
#F1070A [extra 340 MB hard drive] .....	\$599
#3035 [4MB RAM, for 530/600] .....	\$249
#3049 [4MB RAM, Simple Tech for 300/425/430] .....	\$249
#3050 [8MB RAM, for 530/600] .....	\$479

## Rich Leather Carry Case

for your HP 600/800

EduCALC

**hi-touch  
safety for  
your hi-  
tech  
invest-  
ment**



Slim, trim  
and impres-  
sive, yet this  
form fit

beauty protects your 600/800 from all those inevi-  
table spills, scratches, knocks and drops. Four pock-  
ets inside for PC cards or business cards, velcro clo-  
sure Handsome black

#3317 [Leather 600/800 Case] .....	\$29.95
#3318 [Nylon 600/800 Case] .....	\$18.95

## Need one of these for your OmniBook?

Flash and RAM Cards	see p 8
Cigarette Lighter Adapter	9
FAX & Data Modems	14

## the leather *TakeItEasy* OmniBook mini-brief for your OB600/800

ISIS



- Look smart with softly rich, black leather—handsomely designed and meticulously constructed
- Act smart with everything together where you need it—organized for instant readiness
- Be safe with ultra light padding, secure pockets and an adjustable, detachable shoulder strap

4 inside pockets plus space dividers and pen slots, with velcro-closed outside pocket—so your OmniBook can go in or out. Will also carry books and papers or catalogs, PCMCIA cards, a modem, a disk drive—everything you need! Approx 10 x 15 x 2"

#3200 [TakeItEasy Leather Case] .....	\$89.95
#3037 [TakeItEasy Nylon Case] .....	\$59.95

## Viper

## Hard Disk Card

Intégral

goes into PC card slot Type III

## Get yourself enough memory!

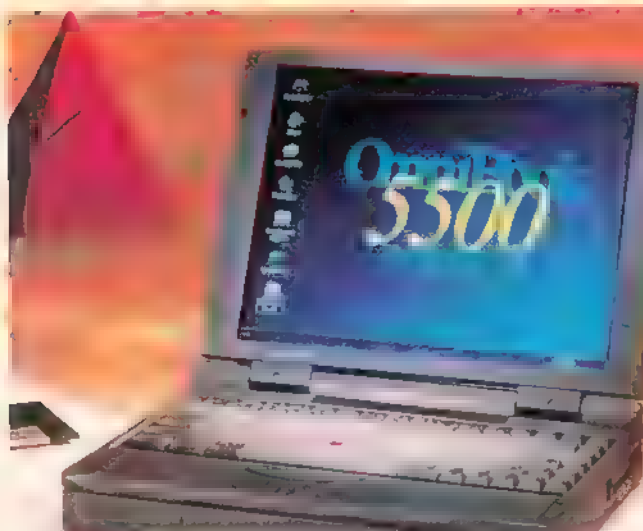
At last you can carry your own environment in your shirt pocket—the software you are used to, configured the way you like it, plus all the files and documents you use daily, automatically updated

It's all instantly ready to use, in your own computer or one you have never seen before—in notebook, sub-notebook, palmtop or desktop—Pen-based, DOS or Windows—all it requires is a PCMCIA type III slot. Perfect for primary or secondary data storage, the Viper has exclusive MicroGlide technology, with a polished disk to allow the heads to fly closer to surface yet never touch. You get 750G non-operating shock resistance, 300G in idle mode (where it uses only 100 ma), 12 ms average seek time. Weighs 3 oz

#3395 [170 MB Hard Disk Card] .....	\$389
#3396 [260 MB Hard Disk Card] .....	\$479
#3397 [340 MB Hard Disk Card] .....	\$579



# 24 HP OmniBook 5500 Notebook PC - EduCALC



**powerful  
Pentium processor**

**blazing 133, 120,  
or 100MHz**

**6 or 8MB RAM  
(add up to 64MB)**

**up to 12.1 TFT  
or DSTN display**

**huge 2, 1.35 or  
.810GB hard drive**

**ISoundblaster  
2-speaker multimedia**

**up to 3-yr warranty**

Pentium and Hewlett Packard, together in the same notebook package—this is as good as things get

That Pentium chip feeds a 32-bit PCI bus—so it's fast, fast, fast—you'll have eye-popping graphics, full motion video, and split second screen refresh

Your OmniBook 5500 will have NTSC/PAL video-out and MIDI joystick ports. Optional quad speed CD ROM and integrated 16-bit Sound Blaster stereo for multimedia. Or you can substitute an optional battery for the removable 3.5" floppy disk drive module when you want to double your battery life

Instant-On is a real boon, if you're as impatient as I am—you go back to work with the touch of a finger, right where you left off, with no reboot. Plug & Play autoconfigures for peripherals. Infrared port for wireless printing and networking at a blazing 4MB per second

Docking system (optional) connects you instantly (hot docking) to desktop monitor and keyboard, peripherals and network

It all works with HP reliability you can count on. Maybe that's why the 1239 business users of notebook computers that J.D. Power & Associates surveyed in 1995 rated HP highest in customer satisfaction. You won't regret buying your HP 5500

The warranty on your 5500 calls for Express Pickup and Delivery (EPAD). It is for 3 years, except it is for 1 year on the Value Line models, #F1326A and #F1329A

Specifications for the 5500 models are coded in their pricelines. For example, in the top line, for #F1320A, 5/133 means a Pentium CPU chip running

at 133 MHz clock speed, 2GB/16MB means a hard disk drive capacity of 2GB (or 2000MB) and 16MB of RAM, and 12.1" TFT means a 12.1 inch display of type TFT (active matrix).

## Tech Specs for 5500

### Size Closed

- 29.5 x 22.6 x 4.9 cm  
(11.6 x 8.9 x 1.93 in)



### Weight

- 3.08-3.18 kg (6.8-7 lb)

### Power

- Rechargeable Lithium-ion battery
- Battery recharges to high level in 4 hrs using PC adapter while PC is on or off
- 2-minute low-battery warning
- Instant-on maintains computer in ready-to-work state for days on a charge, returns you to your application or file instantly
- Battery life (approximate with one battery): 1.75 to 2.5 hrs
- AC adapter 100 to 240 Vac (50 to 60 Hz) input; 12 Vdc, 3.3A output

### Removable Modules

- Floppy disk drive (can be used both internally or externally and can be replaced with a 4X CD-ROM drive or a second battery for 150% increase in battery life)

- Hard disk drive
- RAM
- Battery

## Keyboard and Pointing Device

- 85-key touch-type keyboard
- Embedded numeric keypad
- 12 [Fn] keys
- Trackpoint III (technology licensed by IBM)

## Input/Output

- 9-pin, 115,000-b/s, RS-232 port
- 25-pin EPP and ECP parallel port
- SVGA-out (up to 1024 x 768 (256); VGA-out (640 x 480 x 65,536 colors)
- 4-Mb/s. bidirectional infrared
- Expansion bus connector
- NTSC/PAL video-out (composite & S-Video ports)
- Keyboard/mouse port
- Headphone/stereo-out port
- Stereo-in and microphone ports
- MIDI/joystick port

## Expandability

- One Type III PCMCIA slot (or use as two Type II slots) with 3.3-V or 5-V support
- Optional docking system with one ISA slot and one ISA/PCI slot, and parallel, serial, SVGA-out (up to 1024 x 768 x 256), keyboard, PS/2 mouse, MIDI/joystick audio, and SCSI-2 ports

## Pre-installed Software

- Microsoft® Windows® 95 or Microsoft Windows for Workgroups 3.11
- MS-DOS® 6.22
- Plug and Play BIOS
- HP PIM

## Security Features

- 2-level password protection
- Hard Drive password
- PC ID (tattooing)
- Kensington lock slots



### Accessories for 5000 Series only

#F1138A [810MB hard disk drive].....	\$1179
#F1139A [1.2GB hard disk drive].....	\$1499
#F1137A [Lithium-Ion battery pack].....	\$239
#F1074A [External battery charger] .....	\$142
#F1320A [5/133-2GB/16MB-12.1" TFT].....	\$4899
#F1321A [5/133-1.35GB/16MB-12.1" TFT].....	\$4549
#F1324A [5/120-1.35GB/16MB-10.4" TFT].....	\$3999
#F1326A [5/100-1.35GB/16MB-11.3" DSTN].....	\$2699
#F1331A [5/100-810MB/16MB-11.3" DSTN].....	\$2449

### Accessories for 5500 Series only

#F1191A [810MB hard disk drive].....	\$599
#F1192A [1.35GB hard disk drive].....	\$949
#F1193A [Std Lithium Ion batt pack].....	\$239
#F1194A [Enhanced Lith Ion batt pk].....	\$329
#F1195A [3.5" Internl/Externl disk dr].....	\$189
#F1336A [6X CD-ROM drive].....	\$399
#F1319A [Quad-speed CD-ROM drive].....	\$299
#F1338A [External battery charger].....	\$159

### Accessories for 5000 and 5500 Series

#F1189B [Docking sys, monitor stand/riser] .....	\$649
#F1181A [Y-adapter & MIDI/joystick adpt].....	\$34
#F1134A [8MB RAM expansion card].....	\$219
#F1135A [16MB RAM expansion card].....	\$449
#F1136A [32MB RAM expansion card].....	\$799
#F1044B [AC adapter].....	\$94
#F1064A [Automobile adapter] .....	\$94

## Montana and Mariner

fax/modem cards with cellular & paging connectivity



Send/receive data and faxes with 28 Kbps modem technology and 14 Kbps fax capability ETC error correction protocol, compatible with phones from Motorola, AT&T, NEC and OKI

Send alphanumeric messages to Motorola

pages. Download data from your pager to your computer

Transmit messages wirelessly—with a Tango pager you can send messages from your laptop to other two-way paging subscribers

In addition to all these features, which it shares with Montana, the Mariner has both twisted pair and coax Ethernet LAN interface, for remote access to corporate networks

Average installation time is only 3 minutes! Comes with cables for the LAN and modem, installation software, device drivers, CardWizard card and Socket Services, and Messaging Partner software for paging features. Fits Type II or III PCMCIA slot. 5-yr wty #3440 [Montana fax/modem] List \$329 .....\$299

Keep this catalog for future reference, or pass it on to a friend. Most items will be available in the future.

- **You'll get crisp, professional looking documents**—600 x 300 dpi or more with HP's Resolution Enhancement technology, on plain paper, letterhead or glossy—even transparencies and labels. Windows ready
- **You'll have it fast and quiet** A variety of built-in typefaces and TrueType scalable fonts for Windows give your work that polished pro appearance
- **You'll stay confident and satisfied, with the most dependable printer money can buy**—HP sells more inkjets than all other manufacturers **combined**. You can strengthen your unit's 1-year warranty to 3 years of Express Exchange (overnight replacement) by buying the HP Support Pack listed below your machine.
- **Surprise! You can have the DeskJet you want at a best buy price**—You'll save on its 3 cents per page operating costs, too. Comes with power cable, ink cartridge and User's Guide, but NO printer interface cable

## HP DeskJet 340 Printer for HP 95/100/200 & all Notebook Computers



84 typefaces, styles and size combinations including italic and bold, portrait and landscape

Comes with 30p sheet feeder, power adapter, stand, Windows printer-driver software and fonts on 3.5" disk, black cartridge, User's Guide kit. HP 95/100/200/palmtop computers require a parallel converter

#C2655A [HP DJ 340 Printer]	List \$365.....\$289
#H5461A [HP SupportPack, to 3 yrs]	..... \$49
#C3280A [Color Kit]	..... \$44
#C3277A [Infrared Adapter]	..... \$39
#C3279A [Mac Adapter]	..... \$29
#C3005A [60-p Desktop Sheet Feeder]	..... \$74
#C3059A [Rechargeable Batt]	List \$49 ..... \$44
#C3004A [Rapid Recharger, W-wide]	..... \$89
#C3050A [Leather Carry Case]	List \$99 ... \$89
#C3061A [Low-profile Parallel Cable]	..... \$19
#51633M [Mobile Black Cartridge]	..... \$27.95
#51625A [Color Cartridge]	..... \$29
#C2633A [DiskWritr 320, Mac]	List \$379...\$319
#92215N [AppleTalk Cable]	..... \$28.50
#C3066A [Apple Connect Serial Cable]	.... \$13

- **Mac Option**—dua. I/O, PC or Mac; with Mac Adapter
- **Infrared Option**—wireless printing.
- **Portable Option**—up to 100 pages/charge—750 black pages/cartridge at 3 ppm.
- **Includes FREE Color Option**—16 million colors

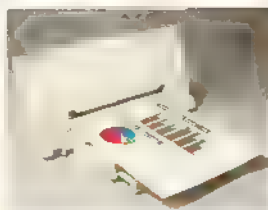
## DeskJet 400



The compact, all business printer with snap-in Color Kit included

- up to 3ppm in black
- conversation quiet
- 50 page auto sheet feeding
- 256-level enhanced grey scale

#C2642A [HP DeskJet 400] List \$248.....\$199



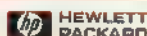
## DeskJet 680C spectacular color for the whole family



The 680C is the same printer as the "682C" which Consumer Reports, Oct '96, found to be such an excellent value.

- RealLife Imaging System
  - 2 sided greeting cards, newsletters
  - everything from cards to banners up to 5ppm black, 1.5 ppm color
- #C4549A [HP DJ 680C] List \$386..... \$299  
#H5461A [HP SupportPack]..... \$49



**DeskJet 690C**

spectacular **col r** —  
photo-quality printing

- add photos to your projects ■ make iron-on transfers
- RealLife Imaging System 2-sided greeting cards, newsletters ■ up to 5ppm black, 1.3 ppm color
- Optional Photo Color Kit offers outrageous neons and skin tones, brings photos to life; optional paper for best photo results.

#C4562A [HP DJ 690C] List	\$419	\$359
#C4585A [HP Photo Color Kit]		\$62
#C1846A [HP Photo Paper]		\$12.95
#H5461A [HP SupportPack]		\$49

**DeskJet 870Cxi**

stunning  
business documents  
via Windows,  
DOS & Mac



The 870Cxi  
is HP's successor  
model to the 855Cse<sup>™</sup>  
which *Consumer  
Reports*, Oct. '96, so  
highly praised.

- fast—8ppm black,  
4 ppm color
- biggest font collec-  
tion on market
- RealLife Imaging  
System with C REt  
labels, envelopes,  
transparencies



#C4555A [HP DJ 870Cxi] List	\$599	\$499
#5465A [HP Support Pack]		\$85

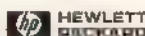
**DeskJet 1600C/CN**

color work group printers

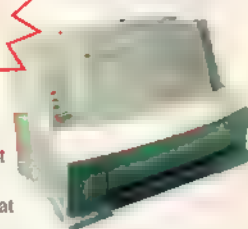
For 1-10 users,  
at 8 ppm black, 2  
ppm color; Econo-  
Fast mode at 9 ppm,  
4 ppm color 4MB  
RAM. 1600CN has  
Postscript L2, and  
JetDirect network  
card for Ethernet/  
LocalTalk. PCL 5C,  
12,000 ppm.



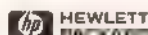
#C3540A [HP DJ 1600C] List	\$1699	\$1299
#C3540N [HP DJ 1600CN] List	\$2129	\$1799
#H5471A [1600C/CN SupportPack]		\$150

**HP LaserJets****LaserJet 5L-FS**

**\$50 REBATE**  
on #C3941B  
from Sept. 1, '96  
to Jan. 15, '97  
Coupon in box



- the best 600-dpi out  
put available—  
photo-like images at  
4ppm and 1c/page
  - IBM memory, 26 scal-  
able, rotatable type  
faces (70 more on disk), instant-on fuser
  - compact 13 x 12 inch footprint
- |                                    |       |
|------------------------------------|-------|
| #C3941B [LJ5L-FS]                  | \$479 |
| #C2971A [PrinterPal Fax accessory] | \$169 |
| #H5465A [Support Pack, to 3 yrs]   | \$79  |

**LaserJet 6P/MP**

Fast 8 ppm, 600  
dpi, 128 greyscale  
levels, PCL 6 for  
photo quality Trays  
for 350p. Auto-  
switched ports—2  
parallel plus fast 4  
Mb/s IrDA 12 000  
pages/mo. Cards,  
labels, transparen-

cies envelopes. 45 scalable fonts built in. 65 more on  
disk for Win. CD-ROM software 6 MP has  
PostScript & LocalTalk

#C3980A [HP LaserJet 6P]List	\$959	\$799
#C3982A [HP LaserJet 6MP]List	\$1149	\$899
#H5465A [6P/MP Next Day On-Site Sup]		\$85

**Printer/Fax/  
Copier/Scanner**

- 3 ppm, 600 x 300 dpi
  - automated plain paper fax
  - PC fax send and receive
  - 300 dpi copier, reduces to 70%
  - 300 dpi scanner
  - 1 year Express Exchange warranty
- |                            |       |
|----------------------------|-------|
| #C4661A [HP OfficeJet 330] | \$599 |
|----------------------------|-------|

# 28 HP Printer Supplies - Eau Claire



## LaserJet Toner Cartridges

— give your printed documents dark black coverage, sharp edges, fine lines. That's because they have a *brand new photosensitive drum, a new cleaner blade and a new charge roller plus genuine HP toner. Don't run out — buy yours now!*

#92285A [LJ Ser I Toner, black]	\$99.95
#92295A [LJ II, III, IID & IIID Toner, blk]	\$79.95
#92275A [LJ Ser IIP, IIP+, IIP Toner, blk]	\$84.95
#92291A [LJ III St Toner, black]	\$117.95
#92282A [LJ 2000 Toner, 2.5 kg]	\$74.95
#92298A [LJ4, 4+, 4M, 4M+ Tnr, 6000 pp]	\$99.95
#C3973A [LJ4, 4+, 4M, 4M+ Tnr, 3600 pp]	\$84.95
#92274A [LJ4L, 4P 4ML, 4MP Toner]	\$85.95
#C3900A [LJ 4V, 4MV black Toner]	\$159.95
#C3906A [LJ5L black Toner]	\$69.95
#C3903A [LJ5P, 5MP Toner, black]	\$96.95
#C3909A [LJ5Si, 5Si MX Toner]	\$194.95

**LaserJet Memory**—allows more and larger fonts to be downloaded, complex graphics, even elaborate spreadsheets. Designed so you can install it, quick and easy.

#33474B [1MB board, LJ IIP, III, IIP/D]	\$154.95
#33475B [2MB board, LJ IIP, III, IIP/D]	\$249.95
#C2063A [1MB SIMM, LJ IIISi]	\$109.95
#C2065A [4MB SIMM, LJ IIISi]	\$249.95

**LaserJet Transparencies and Labels**—the only film specifically engineered and tested for your HP LaserJet. It feeds with ease and eliminates fuzzy graphics, blurry words and darkened background.

#92296T [LJ Transparencies, 50 each]	\$22.95
#92296A [LJ Labels 1" x 2 5/8" 3000 ea]	\$28.95
#92296B [LJ Labels 1 1/3" x 4" 1400 ea]	\$28.95
#92296C [LJ Labels 1" x 4" 2000 ea]	\$28.95
#92296F [LJ Labels 1 1/2" x 1 3/4" 8000 ea]	\$28.95
#92296J [LJ Labels 1 1/2" x 4" 200 ea]	\$39.95

## DeskJet 600 Series Supplies

#51629A [DJ Black Ink Cartridge]	\$30.95
#51649A [DJ Trn Color Cartridge]	\$32.95
#51634Y [Ink Jet Paper, 200 sheets]	\$17.95
#C3834A [Prem Transp Film, 50 shts]	\$41.95
#C3836A [Prem Glossy Paper, 50 shts]	\$52.95
#C2970A [PrinterPal Fax Accessory]	\$179.95
#C2950A [2-meter Parallel Cable]	\$11.95
#C2951A [3-meter Parallel Cable]	\$14.95
#C2177A [Desktop Organizer]	\$149.95
#H5461A [Support Pack/Express Exchange]	\$49.95

## DeskJet 800 Series Supplies

#51645A [DJ Black Ink Cartridge]	\$31.95
#51641A [DJ Trn Color Cartridge]	\$32.95
#51634Y [Ink Jet Paper, 200 sheets]	\$17.95
#C3834A [Prem Transp Film, 50 shts]	\$41.95
#C3836A [Prem Glossy Paper, 50 shts]	\$52.95
#C2950A [2-meter Parallel Cable]	\$11.95
#C2951A [3-meter Parallel Cable]	\$14.95
#H5465A [Support Pk/Express Exch]	\$85.95

## DeskJet 1600 Series Supplies

#51645A [DJ Black Ink Cartridge]	\$32.95
#51640C [DJ Cyan Ink Cartridge]	\$31.95
#51640M [DJ Magenta Ink Cartridge]	\$31.95
#51640Y [DJ Yellow Cartridge]	\$31.95
#C2951A [3-Mtr Parallel Cable]	\$14.95
#H5471A [Support Pk/Express Exch]	\$150.95

**DeskJet, DJ PLUS, DJ500 & DeskWriter Supplies HP Premium InkJet Paper**—bright white for sharper text, coated matte surface that dramatically improves color accuracy and text clarity — gives presentation quality.

#51636H [Glossy Paper, 8.5 x 11"]	\$54.95
#51630Y [Cut-Sheet 8.5 x 11"]	\$20.95
#51636F [Transparency Film 8.5 x 11"]	\$52.95
#51626A [DJ Ink Cartridge] 32	\$29.95
#51625A [DJ Trn Color Ink Cartridge]	\$31.95
#22706B [DJ Prestige Elite Font] 79	\$73.95
#22709A [DW Soft Font Collection]	\$189.95

## DeskJet 1200C and CopyJet Supplies

#51640A [Ink Cartridge, black]	\$24.95
#51640C [Ink Cartridge, cyan]	\$31.95
#51640M [Ink Cartridge, magenta]	\$31.95
#51640Y [Ink Cartridge, yellow]	\$31.95

## PC/Printer Cables

#C2951A [Parallel Cable] List \$27	\$19.95
#C2913A [Cable] List \$18	\$12.95

## ThinkJet Supplies

#92261A [Printhead Cart] List \$13	\$11.95
#51604A [Cart, Pl Pap] List \$13	\$11.95
#51605B [Cart, Cartridge, Blue] List \$16	\$14.95
#51605R [Cart, Cartridge, Red] List \$16	\$14.95
#92261N [Paper 2500 shts] List \$80	\$74.95
#51630A [Jetpaper Z fold, 500 sheets]	\$2.95
#51630D [Jetpaper, Wide Z-fold, 2500 shts]	\$86.95



**Call us for your copy of our Fall/ Winter 1996 HP Supplies & Accessories Catalog For LaserJet, DeskJet & other Inkjet printers, impact printers, plotters & data storage devices.**

## Chart

Calculator Name	Calc Size	Battery No. x Size
HP10B, 14B, 17B(II), 20S, 21S, 22S, 27S, 32S(II), 42S	A	3 x A76
HP18C, 19B(II), 28C, 28S	B	3 x N
HP11C, 12C, 15C, 16C	C	3 x A76
HP41C, 41CV, 41CX	D	4 x N
HP71B	E	4 x AAA
HP48S, 48SX, 48G, 48GX	F	3 x AAA
HP 95LX, HP 95LX1MB	G	2 x AA
HP 100/200LX		1 x CR2032

■ **Get fresh batteries from EduCALC**—we sell the most calculator batteries, so we replace our stock fast!

The most used calculator battery size is A76, an alkaline button which is also called LR44, PX76A, 1166A or V13GA. The A76 may also be replaced with our **super long life** (at least 225% more) silver oxide battery, S76 (also called SR44, EPX76, MS76, RS76, G13, V76PX or 1107SOP)

#A76 (Alkaline battery).....\$0.89

#S76 (Silver oxide battery).....\$3.20

The following alkaline batteries are usually the original equipment specification.

#AA [Alkaline battery].....\$ .89

#AARE [Renewal alkaline AA, Qty 4] .....\$4.99

#N [Alkaline battery].....\$ .98

Lithium coin-cells, for memory back up

#CR2016 [Lithium battery].....\$1.75

#CR2025 [Lithium battery].....\$1.95

#CR2032 [Lithium battery].....\$1.95

#CR2325 [Lithium battery].....\$1.95

#BR2325 [Lithium battery].....\$1.95

## Nickel Cadmium Rechargeable

The HP 200 requires 2 AA batteries, and alkaline batteries come with it. If you replace them with NiCds, any one of HP's AC Adapters (#F1011A...) will act as a recharger. You'll get up to 1000 recharges on each set

#NAA [NiCd rechargable 0.5 AH, AA].....\$2.89

#2784 [Hi-Cap NiCd .85 AH, AA, qty 2]...\$6.95

## Cases & Stands

Astech

**Rigid Plastic Case & Stand**—tough, good-looking protection—with a clever double hinge so it becomes a stand when open. Coffee brown  
#2326 [Rigid Case/Stand, size A] ..... \$18.95

**EduCALC**

Ice-clear acrylic stand—strong and thick, for desk-top sparkle

#998 [Acrylic stand: Clear, size C] ..... \$14.95

#2025 [Acrylic stand: Clear, size B] ..... \$18.95

#2127 [Acrylic stand: Clear, sizes A, D] . \$9.95

#2252 [Acrylic stand: Clear, size F] ..... \$11.95

**Plastic folding stand**—adjustable viewing angle, quickly collapses for your pocket. Its teal color complements your calculator **A Best Buy**.

#3351 [Plastic stand; size A, D, F] ..... \$5.95

## HP 10B

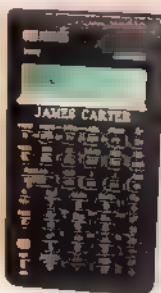


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for Business Professionals and Students

Now—traditional

HP reliability is affordable



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time value of money,  
amortization schedules,  
cash flow analysis with  
IRR and NPV, interest  
rate conversions, percent  
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### ■ Statistics and math functions—1 and 2-

variable statistics with mean, weighted mean,  
sample and population standard deviations, fore-  
casting and linear regression, basic math func-  
tions

15-memory registers (more memory than similar  
models, and it's more usable), automatic constant  
saves keystrokes on repetitive calculations. Special 3-  
key 'M' memory for simple, fast use.

Batteries, Manual, wallet included, 1 yr warranty

#HP10B [Business Calculator] List \$45..\$36.95



## HP 12C Business Calculator



**For the Businessman,  
Financial Professional  
and the Student who  
intends to join them.**

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- ADVISORS
- INVESTORS
- LESSORS
- BANKERS
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Imagine Yourself . . . Calculating what-if answers with ease — right on the spot!!! Answering your client's questions instantly without tables. Being first with IRR and NPV figures, to the penny! Freeing yourself from arithmetic, so you can do the real thinking.

**YOU CAN**—get yourself an HP 12C calculator and buy the book or tape '5111 SEMINAR' listed below that fits your needs. Then invest a couple of hours study time. You'll be delighted with your quick new power and ease.

**FINANCE/BUSINESS** Solves for Number of Periods (n), Compound Interest Rate (i), Present Value (PV), Payment (PMT), and Future Value (FV); Amortization with Accumulated Interest and Remaining Balance; Net Present Value (NPV); Internal Rate of Return (IRR); Bond Yield and Price; Depreciation by Straight-Straight-Line, Declining Balance, Sum-of-Digits (SOD); Odd-day's Interest; Simple Interest; Percent, Percent Change and Percent of Total, Calendar Functions. Beginning- or End-of-Period selection. 5 Financial Registers.

**STATISTICS** Summations; 2-Variable Statistics with Means, Standard Deviations, Linear Regression, and Correlation Coefficient. Factorial.

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Yet it's **FRIENDLY**—a first-time calculator user can expect to solve amortization and cash-flow problems with the 5 top-row keys in a matter of minutes! #HP12C (Batt. case, manual incl.) Lst \$95 \$64.95 #92169B [HP Wallet, black] ..... \$11.95

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Written just for you, to work at your own pace. You can relax, sit back and let these experts show you the way with lots of illustrations, example stories and quick reviews. This is a sometimes playful treatment, from the beginning, with many common applications in lending and investment analysis. It may also be used with other HP calculators, such as the 37, 38, 67/97 with pac software, and 41 with module software.

#260, Easy Course 12C, 256p wirebnd . \$19.95

## Cashflow Analysis by Robert Donohue, CCIM

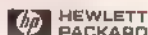


The evaluation of money transactions, from an after-tax analysis of income property to the leasing of your next car—*all made simple and understandable* even to a reader with little or no financial background.

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## HP Applications Books



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### HP 12C Solutions Handbook

Here are keystroke procedures from Hewlett-Packard supplementing your owner's handbook for applications to real estate, lending, savings, investment analysis, securities, forecasting, pricing, statistics, personal finance, Canadian mortgages, more

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### HP 12C Real Estate Applications Handbook

#90015, Real Estate, 102p softbnd.....\$19.95

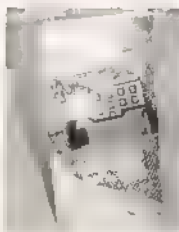
### The HP 12C Pocket Guide: Just in Case

by Coffin/Wadman

Justify HELP that fits in the pouch with your HP 12C yet it is complete enough, with Descriptions, Instructions and Examples.

It covers every common type of problem, even guides you with (excellent) diagrams and illustrations in the authors' humorous style. It is quite well-written, plus you'll recognize the keyboard colors printed right in the instructions. Could you ask for more?

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**Do you have a question?**  
**We have the answer—**  
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## HP 17BII



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- Amortization with table printout
- Bonds, price, yield
- Date arithmetic
- Depreciation
- Interest rate conversions
- List-based cash flows
- Mark-up as percent of price and cost, percent change, percent total
- Number lists; edit, sort, store
- Time value of money

### ■ Statistics and Math

- Mean, standard deviation (1 or 2 variables),
- Weighted mean
- Forecasting/curve fitting
- LN, LOG,  $e^x$ ,  $10^x$ ,  $y^x$ ,  $\sqrt{x}$ ,  $x^2$ ,  $1/x$

### ■ Time and Dates

- Appointments and alarms
- Clock, calendar

**RPN**



### ■ 6,500 bytes of Usable Memory

### ■ Algebraic Entry System with Menus and Softkeys for Easy-to-Use Power

■ State-of-the-art Vertical Design with one-piece keyboard/case (robot assembled) and the sleek lines of a new German car

- HP SOLVE — enter custom equations without programming
- Clock, Calendar and InfraRed Printer interface

#HP17BII (Business Calc) List \$110.....\$84.95

## An Easy Course in Using the HP 17BII

GRAPEVINE PUBLICATIONS, INC

A clear, straightforward explanation of your HP 17BII. It's written in Grapevine's friendly style, so it's easy to understand, right from the first

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#540, 17BII Easy Course, List \$23.....\$19.95

## HP 19BII



**RPN**

The HP 19BII Calculator has HP's time-tested RPN entry system AND it has the Algebraic System common to other calculators. You choose—RPN or Algebraic—it does BOTH, and you can change it any time—you decide, and you can even try out either system while you use the other.

### Solve your special problems WITHOUT PROGRAMMING!

**USER DESIGNED POWER** Hewlett Packard asked people like yourself what they wanted in a finely-designed business calculator. Now you've got it. There are 2 straightforward keyboards—one has numbers and function keys while the other keeps your alphabet separate for typing ease—yet the HP 19BII folds for your pocket. The revolutionary 4-line LCD screen shows you the numbers you're calculating with, or menu options to choose from. An infrared printer interface drives the optional printer, without bothersome cables.

**MENU-DRIVEN POWER**—the HP19BII is self-guiding, with Prompts in English, so you'll find it easy to use right from the start. You won't be referring to the manual very often.

Standard business formulas are already built in. Simply make a choice, then push a button. To help you find your way around, menus—a series of headings—appear on the HP 19BII's four-line screen. They make these functions push button close:

- Interest rates
- Time and appointments
- Payment schedules
- Interest rate conversions
- Statistics
- Internal rate of return
- Markup and margin

**PROBLEM ORIENTED POWER** the HP 19B is smart, so you'll only tell it the problem formulas, and it will figure out how to solve your problem for you. No more will you need to program your solutions, just tell your HP 19BII CALCULATOR what the problem is!

• **TIME-MANAGING POWER**—the HP 19BII is punctual, so it will remember appointments for you—and remind you with a beep. In addition to the 19B's calendar, there's a handy clock in it, and memory for your expenses, so you can note them right on the spot. With the clock you can keep track of billable time.

• **DATA SAVING & SORTING POWER**—when you key in data to do statistical analysis (say, mean and standard deviation even on weighted data) your HP 19BII remembers every data point, not just those sums it uses to calculate your statistics. Furthermore, it will sort your data points, so you can find their minimum, maximum, range, median, mode, and percentiles, or print them all out in sorted order.

The HP 19BII is 3 5/8" wide by 6 1/2" high and 5/8" thick when folded, open, it's 7 1/2" wide. Owner's Manual and batteries included. List \$175.

#HP19BII [Business Calc II].....\$134.95  
#92169D [HPWallet, Black].....\$17.95

### Infrared Printer for your HP 17, 18, 19, 27, 28, 41 with IR Module, HP 42 or 48



Get hard copies of all your graphics, data, programs or calculations. This silent thermal printer operates on four AA alkaline batteries (incl) for go-anywhere portability -- a set of batteries prints about 6000 lines, or there is an optional AC Adapter.



Printer connection cords have been replaced by an invisible infrared beam from your HP calculator. It's the only link required for your printing needs.

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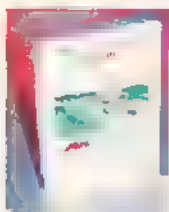
#82240B [Infrared Printer] List \$135 ...\$115.95  
#F1011A [AC Adapter for IR Printer] ...\$34.95  
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#AA [Batteries, Printer uses 4].....ea \$.89



## An Easy Course in Using the HP 19BII

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#541, Easy HP 19BII, 320p softbound ....\$19.95



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Using the HP 17B, 19B & 27S

#544, Real Estate, Banking, Leasing .... \$14.95  
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Each model is **ANYLITE** solar-powered and has a big 8-digit LCD display. Each has its large keys color coded and arranged in 'zones' for easy, natural learning.

Each model is engineered for heavy use in schools—impact-resistant, with a clever slide-on case that can take a beating. These calculators are the same units we ship to schools and do not come in a fancy box. Instructions included; 1-year warranty.



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INSTRUMENTS**

For middle schools:

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The first io-cost calculator combining powerful fractions capabilities with a full range of scientific functions. Student input fractions as they are normally written. 2 Constant Operators, 1 variable statistics, logs and anti-logs, powers and roots, polar/rectangular, trip and inverse trig in deg/rad/grad.

#TIEP [Explorer Plus]  
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#TI108 [Grade School Calc] List \$7.50.....\$5.95

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#TI7 [Math Mate] List \$11 ..... \$7.95

For grades 4 through 8:

### TI Math Explorer



4-8<sup>th</sup> grade students do **fraction arithmetic** on this **unique calculator**—input, display, simplify and manipulate fractions or whole numbers. They get other functions, too, like integer division with whole-number remainder results, and place value computations.

#TIME [Math Explorer] List \$19.90 .... \$16.95

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All basic math, trig and scientific functions, including logarithms, anti-logarithms, pi. Large color-coded keys speed calculations, minimize errors.

#TI30C [Challenger 30] List \$19.95 ..... \$15.95

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TI 30 XSLR has the functions HS teachers want for college prep—log and antilog, trig and 1 variable statistics.

TI 34 has all the functions of the TI 30XSLR and also does hex/binary/octal conversions, Boolean logic and fractions. 10-digit display.

#TI30XSLR [Sci/Stat Calc] List \$24.95 ..\$17.95

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### Graphic Calculator *algebraic logic*

- Aplets • Zoom
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*You'll send data, equations, notes, even Aplets to friends and classmates. With the built-in infrared communications, you don't need extra wires or cables.*

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Display HP 38G/48G/GX Screens via your overhead projector

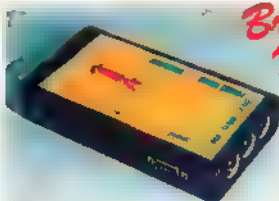
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## PDL100

### Portable DataLogger

for 38G, 48G/GX, Win PC (Mac soon)



*Brand New*

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**makes your presentation  
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Collects real world data and sends it to your HP graphic calculator on Windows PC—or stores 1000 measurements for each of 4 ports

It's a snap to use with a new HP 38G Aplet designed just for the PDL100. Graphic interface and analytic tools for 48G/GX and for your Win PC is included or 3 1/2" disk—displays are graphics or tabular, can be exported to database or spreadsheet.

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#PDL100 [DataLogger] List \$150.....\$129.95



## Connectivity Kits & Cables for PCs & Macs



for HP 38G

Wire-up your HP 38 to your computer—1.5 meter cable plugs into top of calculator (cable has 9-pin connector, and adapter kit for PC contains a 25-pin adapter in case you need it)

DOS/Windows compatible. Comes with instructions, computer software on 3.5" disk.

#F1207B [PC Ser Interface Kit] List \$50. \$44.95

#F1208B [Mac Ser Interface Kit] List \$53. \$44.95

## TI-92 Graphic Calculator



- Familiar scientific calculator keys like the TI-82.
- Function keys F1-F8 operate the toolbox to get pulldown menus
- Typewriter/computer QWERTY keyboard for taking notes

You'll have the **easy programming capability** of the TI-85 and more: parameter passing plus local and global variables 70K RAM

**Connectivity:** unit-to-unit link cable (included) lets you share fast with another TI-92. You can also link to the (optional) CBL System, and via (optional) Graphic Link to a desktop computer

Your **symbolic manipulation** powers will include arithmetic with undefined variables, polynomial factor and expand, and roots of equations. In calculus you'll do indefinite integrals, derivatives, limits, and Taylor polynomials. It works like DERIVE.

**Interactive Euclidean** transformational and analytic **geometry** you can construct with points and lines, triangles and polygons, circles and arcs—easily as with Cabri Geometry II

Impact resistant case doubles as a stand for tabletop use. Four AA batteries (included), 20 oz, 4.7 x 8.2 x 1.2 inches; 70K RAM, 1 yr warranty

#TI92 [Computer/Calc] List \$250 ..... \$199.95

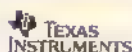
#2792B [TI-Graph Link, cable] ..... \$61.95

#3115, Mastering the TI-92.

Alg-Calc, 200p softbd ..... \$24.95

## TI-80

lo-cost graphics power



#TI80 [Graphing Calc] List \$110 ..... \$69.95

## TI-81

Graphics Calculator

#TI81 [Graph-Sci Calc] List \$115 ..... \$79.95

#PC81 [Emulator Sftwre for PC, 5.25"] . \$69.95

## TI-82

Graphics  
Calculator

*Most  
Popular*



The new way to go through calculus and statistics—special powers like cobweb graphs, function tables, split screens and box/whisker plots

All the popular features of the TI-81 almost all the TI-81 keys are in the same places, so you can pick the 82 up and use it instantly!

Improved data analysis and matrix functions, two new graphing modes (polar and sequences or webs), zoom decimal, plus instant zoom for finding roots and intersections. Definite integrals, derivatives and lists. Logic operators.

Best of all, you can link to other 82s with included cable and to PCs and MACs with optional Graph Link Guidebook, slide-on cover, cable, batteries; 1 yr warranty

#TI82 [Graphics Calculator] List \$125.. \$89.95

#2792B [TI-Graph Link, cble] List \$70 ...\$61.95

## TI-83

Graphing Calculator



New graphing styles, advanced statistics and TVM business features—plus every function of the popular TI 82

#TI83 [Graphing Calculator] List \$130...\$94.95

## TI-85

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#TI85 [Graphics Calculator] List \$135...\$99.95

## CBL

Calculator-Based Laboratory



data-acquisiton for your TI-82/83/85/92

#3250 [Calc-Based Lab] List \$225 ..... \$199.95

#3046 [AC Adapter] List \$19 ..... \$15.95

## HP 22S



easy-to-use algebraic logic  
in a powerful scientific-  
technical calculator

*Closeout  
Sale!*

Brand new HP 22S includes 194 page spiralbound Manual and vinyl case, lacks original box

#HP22S [Scientific Calc] List \$70 ..... \$29.95

## HP 20S



A powerhouse scientific calculator with algebraic entry—and a startling low price for real HP reliability!

#HP20S [Scientific Calc] List \$40 ..... \$32.95

## HP 32SII

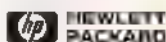
*Still with RPH  
Still only \$56.95*

■ Algebraic HP Solve Application

■ Algebraic Equation  
Entry/Evaluation

■ Unit Conversions

■ Fractions



■ Over 180 functions,  
including all from  
HP 11C

■ Root finder. SOLVE for  
any variable

■ Base conversions deci-  
mal/hex/octal/binary

■ Polar/rectangular; deci-  
mal hours/hours-min-sec

■ Probability: factorials, permutations, combinations

■ 2 variable statistics, correlation and regression,  
with weighing

Manual, batteries, soft case included. 1 yr warranty.

#HP32SII [Scientific Calc] List \$70 .....\$56.95



## TI-30X

Scientific  
Calculator



Your Best Buy for learning to calculate! For general math and science—statistics, trigs, logs, powers and roots, plus 3 memories that persist when it's OFF Version SE is ruggedized for field or classroom use

#TI30X [Calculator] List \$18 ..... \$14.95

#TI30XaSE [Rugged Calculator] ..... \$17.95



## HP 48 G/GX Graphic/Expandable Calculator



**HEWLETT  
PACKARD**

- Input forms ■
- Dialog boxes ■
- Plotting enhancements ■
- 3-D graphics ■
- Built-in equations ■
- Matrix operations ■



*Here are the 7 professional advantages you get with your HP 48G/GX —*

**1. You'll stand out.** It has new, friendly colors and shares with the HP 48S/SX a distinctive size (3.2 x 7.1 in.) and a wonderful, big LCD — so you'll be recognized the minute you walk in with it.

When you fire it up, you'll be surprised at how easy and intuitive its command structure is — so you'll get satisfying results immediately. Most applications have a new input form, so you just fill in the blanks.

Just for fun, try the new TEACH function — instant demos of 21 functions and displays. Right out of the box, you'll even be able to do an animated display!

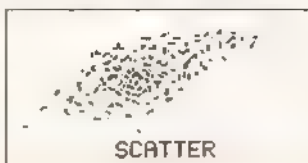
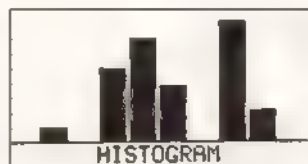
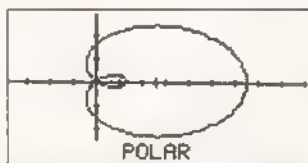
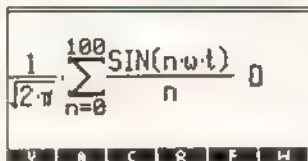
This is the first calculator that enters equations in textbook style, and it's the first that does all these graphics. *Will that get their attention?*

**2. You'll have assurance.** Solid power right in your hand. You'll have the standard keys (SIN, LOG,  $\sqrt{x}$ , ...) on this traditional keyboard, for quick hand calculations.

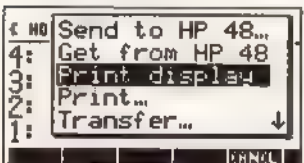
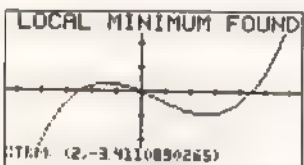
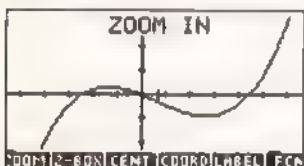
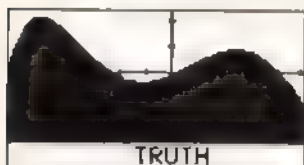
But, underneath, you'll have a giant 512K ROM of power, with more than 2300 functions that you'll access with 117 user-friendly menus. It's customizable, too — you'll have 128K of RAM to store your own personalized menus in (32K in the HP 48G).

When you have all that and know it will go on working with legendary Hewlett-Packard reliability, *won't you have assurance?*

**3. You'll communicate.** You'll have 2-way Infrared so you can share programs and data with another HP 48. You can also swap programs, data and graphics via Infrared to an optional, portable printer.



**\$30 Rebate on 48 Gx**  
**\$20 Rebate on 48 G**  
 good Aug. 19 '96  
 until Jan. 15 '97  
 Coupon in box



Kermit is built right into the HP 48G/GX so you can also wire-up to your PC or Macintosh with an optional Serial Interface Kit — then you can generate high-quality printouts and use your computer's disk drive to store data and programs. You can use the computer's keyboard to program your calculator, too, and you can operate all the HP 48G/GX routines like an excellent number crunching software package on your computer (you save the software cost).

*Isn't all this the kind of I/O power you've needed?*

**4. You'll be fast and timely.** This baby is fast—fast at computations and fast writing to screen—its heart beats at nearly 4 MHz.

There's a clock which you can have on your screen if you wish (there's date-arithmetic, too). You'll have two types of alarms, appointment and control. *OK?*

**5. You'll be accurate.** You'll use more than 2300 functions to manipulate numbers that are stored with 12-digit mantissas and 3-digit exponents (your machine calculates with 15-digit intermediate precision).

Here is the first calculator that converts units automatically, and it is a real pleasure to use. *Isn't that what you've wanted?*

**6. You'll have new smarts.** If you have used the SOLVE function on a calculator, you know how useful it can be, and how much programming it can save you. But this one is something else. On the HP 48G/GX you can link several equations for simultaneous solutions, or invert a function.

*This is a student's best friend, an engineer's powerhouse and a programmer's dream machine, all in one!*

**7. You'll be up to the minute.** This machine does calculus — it can even find symbolic integrals (indefinite integrals)! It finds symbolic derivatives, too, and does lots of algebraic operations on symbolic expressions.

Your PLOTR will find roots, intersections, local extremes, derivatives and slopes for you, or find areas under curves, so you get calculus applications too.

Impressive new plot types include 3-D, wire form and grid map, plus you can ZOOM (15 ways).

Statistics routines include curve-fitting with 4 models—as well as upper-tail probabilities.

Matrix Writer lets you easily do arithmetic with matrices and vectors that have real or complex number entries. *Do you need this machine?*

**What's the difference between these two machines?**

There are two differences — memory and card slots. The Graphic Expandable HP 48GX has 128K RAM and 2 card slots, whereas the Graphic HP 48G has 32K RAM and no card slot. Each comes with User's Guide, brushed nylon case and batteries, 1-yr warranty.

#HP48GX [Graphic Expandable Calc] List \$265 . . . \$209.95

#HP48G [Graphic Calculator] List \$135 . . . ~~\$99.95~~ \$106.95

here's where you find . . .

accessories	38
cables & peripherals	39
software	40
programming aids	45
bookware	45

## Trade In Program Save even more —



**TRADE IN** your used HP 41CV/CX or HP48G. Just send it to us, insured, in working order, with all its Manuals. Take CRedit on your Order—\$45 CRedit for a 48G, \$45 for a 41CV or \$60 for a 41CX—and put the order and your check right in the box.

If you prefer to keep your old instrument until your new one arrives, just send it to us up to 45 days later, along with its Owner's Manual and a copy of the sales receipt for your new machine—we'll send you your refund.



## Accessories

### Your Name in Silver on your HP 48G/GX

Personalize your calculator with this self-adhesive nameplate—it installs quickly in the recess on the back of your instrument.

Your borrows will know where to return your HP 48. Up to 24 standard characters. Allow 2 weeks for delivery; indicate whether all caps or upper/lower case.

#2786 [HP Personalization]..... \$4.95

■ teachers ■ lecturers ■ sales reps

### Display HP 38G/ 48G/GX Screens via your overhead projector



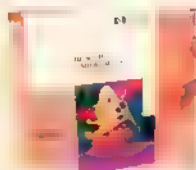
11 × 11 × 1¼ inches, cables included; 1-year warranty.

#F1212A [HP OH Disp unit w cables]..\$299.95

### Memory Expansion Cards for SX/GX



Has its own long-lasting battery so you save your information even if you take it out to store it or mail it to a friend. Comes in 2 sizes, 128K and 1MB, and your machine can hold up to 2 of them. 1-year warranty.  
#82215A [128K card] List \$150 ..... \$124.95  
#82216A [1MB, 48GX only] List \$399 ..\$324.95



### Memory Expansion Cards for your HP 48SX/GX **EduCATOR**

#3127 [256K RAM card, 48GX] ..... \$139.95  
#3128 [512K RAM card, 48GX] ..... \$199.95

### Extras for your HP 48 like those that came with the product



#2787, HP 48G/GX User's Guide ..... \$24.95  
#2250, HP 48S/SX Owner's Manual ..... \$34.95  
#2251, Equation Lib Owner's Manual ... \$9.95  
#H2221A [HP Soft Case] ..... \$14.95  
#AAA [Alkaline Battery] uses 3.....ea \$8.99  
#82220A [48 Keyboard Overlay Kit] .... \$14.95

### the Leather Desk **EduCATOR** our best organizer for the executive's S/SX/G/GX

Sumptuous black napa leather coddles your 48, with extra padding for instrument protection. Software and memory cards fit into 6 slots, 2 pockets hold notes and diary. There's a compartment for important documents and a loop for your pen.

It feels soft and rich in your hand, but there's a detachable carry strap, too. 8.25 × 5 × 1.75 inches outside.

#2763 [HP 48 Leather Desk] ..... \$57.95





## Handsome black leather HP 48 Card Case

**HP 48G/GX**

Look smart as you keep  
your hi-tech gear safe.

Durable leather coddles 8  
cards. Safety velcro flap clo-  
sure, clear plastic pocket on  
back holds your business card  
#3273A [Leather HP 48 Card Case] ..... \$9.95



## The Belt Holster for your HP 48 or HP 95/100

**RIPOFF!**



The very best belt clip we've ever seen: on a dou-  
ble stitched black nylon holster with velcro closure  
and foam padding—good design at the right price!  
#3000 [Belt Holster] ..... \$14.95

## HP 48 Accessories for S/SX/G/GX



- #2249 [Solid Oak Stand] ..... \$16.95
- #2252 [Clear Acrylic Stand] ..... \$11.95
- #2225 [Hard Leather Case] ..... \$42.95
- #543U [Anti-Static Comp-U-Bag].....\$2.75
- #2736 [Utility Belt Pouch] ..... \$19.95
- #2865 [Surveyor's Field Case] ..... \$29.95

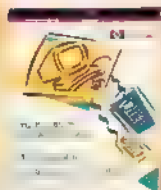
## EduCALC—your choice for mobile computing

## cables & peripherals

### Serial Interfaces— Kits & Cables — for PCs and Macs to S/SX/G/GX

**hp HEWLETT  
PACKARD**

Wire-up your  
HP 48 to your  
computer—1.5-  
meter cable plugs  
into top of calcula-  
tor (cable has 9-pin connector)



You can store your data and programs on your  
computer's disc drive. You can use the computer's  
big key-board to enter HP 48 commands — the  
Interface sends them to the calculator and returns  
results to computer screen for easy viewing (so you  
get excellent math software as a bonus).

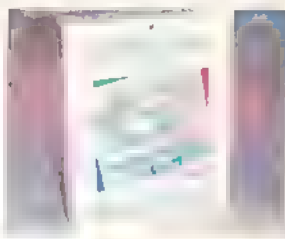
Use your favorite computer text editor with the HP  
48. Write and edit big programs, or enter large matric-  
es and statistical data in a familiar way. DOS and  
Windows compatible. Comes with instructions, com-  
puter software on 3.5" disk.

- #F1207B [PC Interface Kit] List \$53 .... \$44.95
- #F1015A [HP to Cable] List \$35 ..... \$24.95
- #F1023A [Serial Cable Adapter Kit] .... \$24.95
- #F1016A [Mac Serial Cable] List \$35 ... \$24.95
- #2601 [Untermin Serial Cable, 6'] ..... \$15.95
- #2609 [4- to 9-pin Serial Cable, 6'] ..... \$22.95

## CalcWare Link for the PC & Mac

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CORPORATION**

**da Vinci**



Upload,  
download  
and backup  
files from  
your HP 48 S/  
SX/G/GX to a  
DOS/Win-  
dows 95/ 3.1  
or Mac com-

puter here's your connectivity software

Comes with a library of essential math functions,  
serial cable, 3.5" disk. Requires EGA or better.

- #2953 [DOS/WIN CalcWare] List \$55 ... \$39.95
- #2954 [Mac CalcWare] List \$55 ..... \$39.95

## InfraRed Printer for your HP 48S/SX/G/GX



Get hard copies of all your graphics, data, programs or calculations. This silent thermal printer operates on four AA alkaline batteries (included) for go-anywhere portability—a set of batteries prints about 6000 lines, or there is an optional AC Adapter.

Printer connection cords have been replaced by an invisible infrared beam from the HP 48. It's the only link required for your printing needs. List \$135

#82240B [Port InfraRed Printer] .....	\$115.95
#82241A [AC Adapter, US] .....	\$14.95
#F1011A [AC Adapter] ..	\$34.95
#82175A [2.25" Paper, black, 6 rolls] ....	\$16.95
#AA [Batteries, uses 4].....ea	\$8.99
#92169H [Cover, brown] .....	\$22.95
#92169G [Cover, black] .....	\$22.95

## Drive95 Portable 3 1/2" Disk Drive for your HP 48S/SX/G/GX

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CORPORATION

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Also interfaces with the HP 95LX or any DOS based palmtop, laptop, or desktop computer, and supports formatted 720Kb and 1.44Mb capacity 3.5" disks. Includes File Manager software manual, Kermit serial cable and AC charger adaptor, 90 day warranty.



#2602 [Drive95] List \$360 .....	\$323
#2327 [Formatted 3.5" disk, 1.44 MB]...ea	\$2.50

software

## The HP 48 Database for S/SX/G/GX

Donnelly

#2648 (Database, PC disk, 3.5" ..	\$24.95
#2649 (Database, Mac disk) .....	\$24.95

## HP 48SX/GX Engineering Mathematics Library including MATHLIB, a ROM card with 715 new commands by John Holland

Academic Press

### Our most complete math package

- ✓ quick analyses  
for the professional
- ✓ worked examples  
for students

Complete, with statistics, linear algebra and digital signal and data processing. Over 300 tabulations of complex math functions, most to 10-digit accuracy.

Single-button plotting of all HP 48, MATHLIB, and all real and complex user-defined functions stored in the VAR directory—linear, semi-log and log-log plots with titles and labeled axes. 36 user-friendly menus. Vector and matrix language, so you can manipulate arrays without dealing with the elements. Over 100 statistical operations and tests. Over 50 statistical probability distributions and their inverses. Over 100 data and signal processing operations.

Series, rational, polynomial and least-squares approximations. Over 200 vector and matrix commands plus 50 symbolic commands. Evaluation of complex contour integrals, residues, symbolic inverse Laplace and Z transforms. Runge-Kutta numerical and symbolic solutions for scalar, vector and simultaneous DEs.

Symbolic and numerical solutions of state space matrix differential and difference equations. Over 200 algebra operations including 3 powerful complex coefficient polynomial root solvers. Over 50 data editing, sorting, windowing, clipping, and peak and valley analysis commands. Numerical differentiation and integration.

Believe this—it solves a 40 x 40 system of linear equations in under 4 minutes! Handbook & card.

#2694 (Eng/Math Lib, 632 p hrd bnd) ...	\$139.95
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## General Application Programs for Engineering Math Library

Requires #2694

#2902 (HP 48 Applicatn Pgms, 3.5") .....	\$59.95
#2903 (HP 48 Applicatn Pgms, card) .....	\$99.95



## Games48 for SX/GX

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- ◆ Poker
- ◆ Blackjack
- ◆ Skunk
- ◆ Roulette
- ◆ Diamonds
- ◆ Sokoban
- ◆ Vaders
- ◆ Keno
- ◆ Reversi
- ◆ Slots

Take a break! Test your reflexes with Diamonds. Solve strategic puzzles in Sokoban. Transform your HP 48SX/GX into a pocket arcade! Includes software on ROM card and manual, 1-yr warranty

#2757 (Games 48, card) List \$80 .....\$64.95

## Personal Information

### Manager

PIM for your

48SX/GX

- Interactive calendar
- Appointment book
- Notepad
- Phone directory
- Expense accountant
- Time clock
- Report generator

#2323 (Personl Info Mgr, cd) List \$80.....\$59.95

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## Calculus Pac for HP 48SX/GX complete with Vector Analysis

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- Professionals get handsome, accurate results
- Students get easy, quick help for better grades
- ✓ Functions Library, with curve-fitting routines (even cubic splines), polynomial interpolation, and root-finding (any degree).
- ✓ Integration by left, right, midpoint of rectangles, trapezoids, Simpson's rule.
- ✓ Integral Tables with over 100 entries, plus you can add your own
- ✓ Limit analysis checks your function, sequence series or recursion for convergence/divergence while you watch the digits change
- ✓ Graphics include 2D and 3D plots, including hid Jen-line removal
- ✓ Symbolic Vectors manipulated with cross and dot products: gradient, divergence and curl

#2691 (Calculus Pac, card) List \$100.....~~\$89.95~~ \$79.95

## NAVCOM 48SX/GX Marine Navigation

AR  
SYSTEMS



The most advanced celestial computer available—bar none! Over 50 integrated functions to meet your professional or recreational navigation needs. Tested and refined for over 2 years

and 30,000 miles at sea. 128K ROM card does not lose programs even if batteries fail. Completely menu-driven, the interactive personal computer style screen makes NAVCOM simple to use. All Prompts, answers, and help screens are displayed in plain English. Piloting Features

#2772 [NAVCOM 48, card] List \$160 .....\$149

## Business Pac

for your HP 48SX/GX

BRINGSLID<sup>®</sup>  
APPLICATION SOFTWARE

Just plug this in to transform your 48 into a Business Consultant!

TVM including payments and amortization tables plus interest conversion. Cashflow calculations with NPV, IRR—plus plot NPV by IRR and visualize cashflow by profile plot.

Bond calculations for US Treasury Bonds and Notes, Federal Agency instruments, State and Local Governments. Option Valuation by Black-Scholes for American and European options.

Probability Distribution including Normal, Student's t, Chi Square, Fischer, Gamma, Binomial, Poisson. Multiple Regression Analysis and ANOVA. Also does Currency Conversion and Depreciation (5 methods).

#2669 (48 Business Pac, card) .....\$96.95



**We guarantee everything we sell.**

**refund, no questions asked.**



## HP 48SX/GX Application Cards for ME, EE, Gen Chem, and Math

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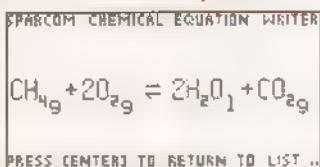
There are two types of these 'Pocket Professional' software cards for each field. The **Applications Pacs** are designed for undergraduate students—each contains hundreds of equations with diagrams, charts and tables, analyses and reference tables in easy-to-use menu-driven format. No need to program, manage units or find constants—the solutions are built in, ready for use in class or lab, office or field.

The **Reference Pacs** have thousands of data entries, so you have calculator and handbook combined, with no programming needed!

**ME Applications Pac**—over 350 equations from fluid mechanics, heat transfer, gases, beams, stress analysis, machine design and more. Analysis sections include inclined plane, steam tables and thermocouples. Uses SI units.

#2290 (ME Appl, card) List \$100 ..... ~~\$89.95~~ \$79.95  
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**General Chemistry Applications Pac**—over 150 equations from kinetics, acids/bases, gases, precipitation and more. Plot pH titration curves and radial functions. Periodic Table includes 14 properties of each element. A chemical-equation writer that calculates theoretical yields, limiting reagents, and checksbalance. Molecular weight calculator.



#2294 (Chem Appl, card) List \$100 ..... ~~\$89.95~~ \$79.95  
#2295 (Chem Ref, card) List \$100 ..... ~~\$89.95~~ \$79.95

## Calculator Bulletin Board System

This is an HP service where users and developers can exchange software and information. It operates at 300/1200/2400 baud, full duplex, no parity, 8 bits, 1 stop bit; the phone number is (503)750-4448. This service is FREE; you pay only the long-distance telephone charge. The HP BBS is the best source for programs.

## Pocket Professional Software for the HP 48SX/GX

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### Spice48

A self-contained circuit analysis tool used to calculate and view the complete response of linear circuits—you'll describe your circuit easily with a menu-driven browser format. The size of the circuit that you can analyze is determined by available memory, number of circuit elements, and nodes. You can store files in your desktop computer.

Spice48 is an adaptation of the work carried out by the CAD group at the University of California. In the past 15 years SPICE has become the standard circuit simulation tool around the world. List \$100 ..... ~~\$89.95~~ \$79.95  
#2589 (Spice48, card) ..... ~~\$89.95~~

### Physics Pac

Equation library with over 300 equations in Angular Mechanics, Electricity, Forces/Energy/Work, Gravitation, Linear Mechanics, Magnetism, Optics, Oscillatory Motion, Special Relativity, Waves.

Integral table, Polynomial Solver, and Linear Algebra section are included. You'll quickly access reference data and formulas along with a whole library of constants. List \$100 ..... ~~\$89.95~~ \$79.95  
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### Statistics Pac

All the stats tools students and professionals want close at hand, with Sparcom's easy-to-use interface—Central Tendency, Standard Error, 14 Probability Distributions, Regression Analysis and 5 different plotting functions. 8 kinds of Hypothesis Tests,  $\mu$ ,  $\sigma$  and  $\alpha$ ,  $z$ ,  $t$ , and  $F$ -values. 7 different Confidence Interval Tests. Move large data sets from PC to calculator and back with automatic translation.

#2743 (Statistics Pac, card) List \$100 ..... ~~\$89.95~~ \$79.95

### Math-Pro

Over 1000 equations, routines and tables for arithmetic, algebra, geometry, trig, hyperbolic, calculus, curve fitting, transforms, quadric surfaces, partial fractions. Variable routines like Simpson's rule and the general triangle solution.

#2960 (Math-Pro, card) List \$110 ..... ~~\$99.95~~ \$79.95

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Over 1000 equations and analysis routines with reference data—includes Bridge, RL, RC, RLC, AC, Polypulse, OpAmp, and Linear Amplifier Circuits. Meters, Resonance, Solid State Devices.

#3025 (EE-Pro, card) List \$110 ..... ~~\$99.95~~ \$79.95

## Structural Engineering Program Card for the HP 48SX/GX

SMI

Aids and tools for your design work—8 user interactive programs and a database (for 415 AISC 9th edn shapes)

Programs analyze beams and columns, column base plates, single span beams, rigid rectangular spread foundations, cantilever retaining walls, pile groups for rigid pile caps, rectangular concrete beams, rectangular concrete columns

#2875 (HP 48 Struc Eng Pgms, card) ...\$134.95

## Structural Engineering Program Card 2

SMI

for the HP 48SX/GX

More aids and tools for your design work—programs analyze section properties, continuous beams, bolt groups, weld groups, sheet piling walls, round concrete columns. Includes structural steel and reinforcing bar data tables plus feet/inch/ fraction/metric conversion utilities

#3418 (HP 48 Struc Eng Pgms 2, cd) ....\$134.95

## Are you an engineer? Are you going to take the EIT or PE Examination?

Use your trusty HP 48 to ace that exam—these ROM cards plug right into your 48 and give you everything you need

You'll study with a *Manual* that contains all the fundamental/applied equations plus full directions. Then you'll have exam-review problems with calculator-assisted solutions in your *Problems and Solutions Book*

There are examples of numeric keyboard calculations, built-in functions and start-up solved problems, too.

- ◆ self-contained study units
- ◆ easy-to-use reference
- ◆ help with design calculations
- ◆ how to really utilize your 48
- ◆ tools for field inspection/verification

To review for EIT/PE Exam get card #3103, for PE/ME Exam use #3104, or PE/EE Exam use #3105 and/or PE/CE Exam use #3411

#3103 (Engineer Fundamentals Rev Card) ....\$99

#3104 (ME Review Card) .....\$99

#3105 (EE Review Card) .....\$99

#3411 (CE Review Card) .....\$99

Chotkeh

## Petroleum Engineering Application Package on ROM card for SX/GX

Petroleum  
Application  
Systems

#2998 (Petrol Eng Apps, cd) List \$112....\$99.95



## TDS Survey Pro Hot new tool from TDS! for the most demanding users.

TDS' most powerful surveying program yet for the HP-48GX. Turns your 48 into a powerful electronic or manual data collector and field computer containing all the functionality of the TDS Survey Card plus a wide range of functions for use in construction layout operations. Requires 128K extra memory (approximately 1500 points) List \$99.5

#3326 [Survey Pro Card for 48GX] .....\$799

## TDS48-GX Survey Card TDS' best selling data collector software



This is the stalwart of TDS' data collection programs. For users who do not need to collect data from a digital level, do not need the Survey Pro's cross section topo by station and offset, and building pad layout, do not use an alphabetized Pop-Up description table, or define road centerlines with horizontal and vertical alignments, this card is for you. All the curve solutions, all the off center shot options, all the multiple repetition options for Traverse shots. Stake by station and offset from a Point-List which defines the centerline. Or slope stake offsets from the centerline. Use the Direct Record mode for topo without touching the data collector. Also has Direct Function Access Keys. Requires 128K extra memory. List \$595

#2775 [Survey Card for 48GX].....\$459.95

## TDS Contractor Card new tool specifically for construction applications



This card is designed specifically for contractors and construction workers who don't need the full surveying functionality, but need to layout their construction sites or add to the surveyors' work. List \$750

#3327 [Contractor Card for 48GX] ...\$599

## TDS COGO Card

A full function Coordinate Geometry card. Has Traverse / Sideshot, full curve solutions including horizontal, vertical and straight grade. Triangle solutions, Area, Pre Determined Area, Point Stake, Intersections, Inverse by points, coordinates or line, Resections, Corner Angles, Remote Elevation, Earth Work including Average End Area, and Survey adjustments are all included.

You won't find a more power packed COGO card at this price, anywhere! List \$155.

#2266 [COGO Card for 48SX/GX] .....\$124.95



## Structural Analysis Card for the HP-48SX/GX

General Beams, Plane Frame, Concrete Column, and Steel Column and Beam Analysis programs.

#2487 [Struct Anal card] List \$125 .....\$109.95



## Coordinate Geometry Enhanced

SMI



survey  
software cards  
to slide into your  
HP 48GX

**Save \$\$**

## 48BCE — Basic COGO power, yet affordable and easy-to-use

Inverse, traverse and side shot, computing areas, perimeters and closure. Stores 100s of points in your 48GX without additional memory, so you do several jobs at the same time. Includes vertical curves, triangle solutions and compass rule adjustment.

#2980 (48BCE, card) List \$150 .....\$119

## 48SCE—Standard COGO power second to none

SMI

All features of the 48BCE plus 3D surveying earth curvature and refraction, sunshot with its own ephemeris. Inverse by coordinates or by point number, multiple angles, screen plot and south azimuth Stakeout; COGO functions like perpendicular offset, trig leveling and angle windings.

#2981 (48 SCE, card) List \$300 .....\$259

## 48 ACE—Advanced COGO powers at your fingertips

SMI

Every feature and function of the 48 BCE and 48 SCE, plus it stores and codes Notes, codes or elevations can be turned off or on any time. Angle adjustment program handles traverse while holding the angles to the side shots constant. Compass rule program adjusts side shots as well as traverse points. Two-point resection. Transfer elevations from benchmarks to instrument. Trig leveling and mean reciprocal leveling. Offset program.

#2982 (48 ACE, card) List \$600 .....\$519

## Lo-Cost Surveying Software for the HP 48SX/GX

D'Zign

HP 48  
Surveying Pac  
Complete lo-cost  
ROM-card software  
for your SX or GX



Remember the HP 41 Survey Pac? This modern program upgrades that 41 classic.

Transit Adjustment is omitted here (it's not used much) in favor of Multiple Offsets and Automatic Bearing Recall (which will be real time-savers for you). Plus whole sets of Radial Stakeout programs (with super-fast come-and-go) and Triangle Solutions routines.

#2973 (HP 48 Surveying Pac, card) .....\$145

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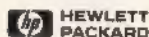
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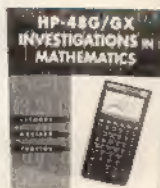
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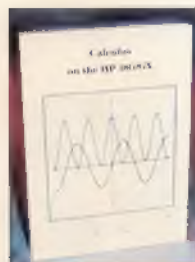
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